



TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176867

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Spheroidal graphite iron castings (GCD 450-10)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Tensile Strength	N/mm ²	-	459	KS B 0802:2003
Yield Strength(0.2% offset)	N/mm ²	-	303	KS B 0802:2003
Elongation	%	-	23	KS B 0802:2003
Hardness	-	-	167 HBW 10/3 000	KS B 0805:2000
Spheroidized Percent of Graphite	%	-	80	SPS-KFCA-D4302-5016 : 2014
C	%	-	3.16	KS D ISO 14707:2000
Si	%	-	2.36	KS D ISO 14707:2000
Mn	%	-	0.55	KS D ISO 14707:2000
P	%	-	0.020	KS D ISO 14707:2000
S	%	-	0.009	KS D ISO 14707:2000
Mg	%	-	0.04	KS D ISO 14707:2000

- Tensile test (KS B 0801 : Test Specimen No.4)

- Usage of Report : QUALITY CONTROL

- Next Page -

Chae Junho

Prepared by Chae Junho

Tel : 02-2092-3636

Oh Donghyun

Reviewed by Oh Donghyun

Tel : 1577-0091(ARS ①→④)

2024.12.26

Korea Testing & Research Institute

President



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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

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Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Spheroidal graphite iron castings (GCD 450-10)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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Chae Junho

Prepared by Chae Junho

Tel : 02-2092-3636

Oh Donghyun

Reviewed by Oh Donghyun

Tel : 1577-0091(ARS ①→④)

2024.12.26

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Sample Description

Report No : TAK-2024-176867
Test Date : 2024-12-13
Specimen Name : Spheroidal graphite iron castings (GCD 450-10)

Test Method

SPS-KFCA-D4302-5016 : 2014 By image analysis
(Minimum analyzed graphite size : 20 μm)

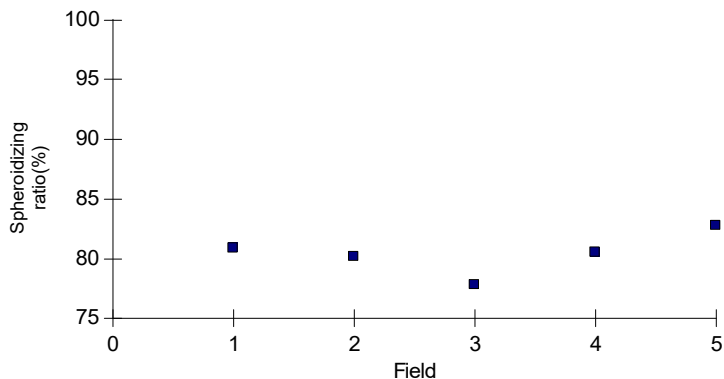
Equipment

Microscope : Olympus BX51M
Magnification : 100X
Image Analysis System : Clemex Vision PE

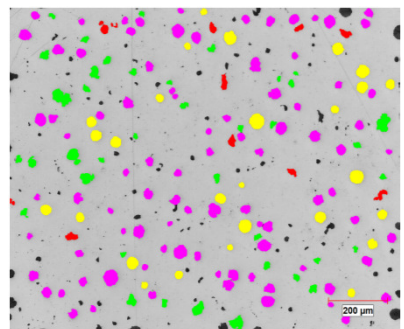
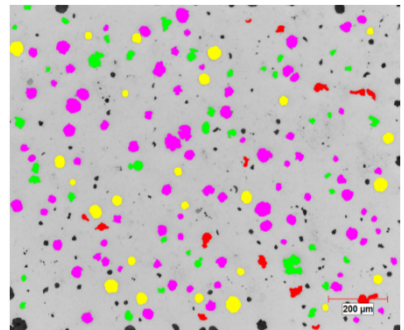
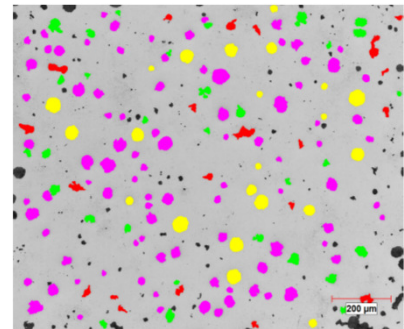
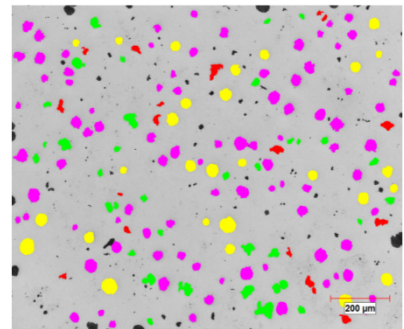
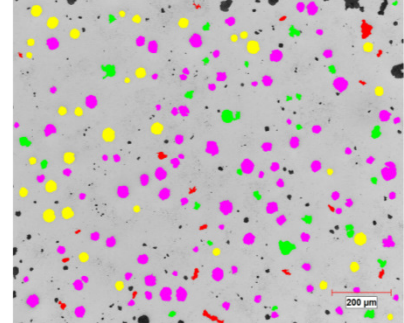
Results

Graphite spheroidization : 80 %

Shape Factor	Particle Count(-)				
	Field 1	Field 2	Field 3	Field 4	Field 5
0	18	17	21	14	11
0.73	28	35	31	40	39
0.92	92	89	91	82	89
1	34	28	22	25	27
Spheroidization(%)	80.9	80.1	77.8	80.5	82.7



Image(Field 1, 2, 3, 4, 5)





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TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176880

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED JOINT (AJ320)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(6.0 MPa × 1 h)	—	25A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	32A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	40A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	50A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	65A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	80A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	100A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	125A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	150A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	200A	No Leakage	Client Provided Test Method
Hydrostatic Test(4.0 MPa × 1 h)	—	250A	No Leakage	Client Provided Test Method
Hydrostatic Test(4.0 MPa × 1 h)	—	300A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.0 MPa × 1 h)	—	600A	No Leakage	Client Provided Test Method

〈Hydrostatic Test〉

—Hold the water pressure at 6.0 MPa, 4.0 MPa, 3.0 MPa for 1 h by using a pressure gauge, then check for leaks.

— Next Page —

Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik

Tel : 1577-0091(ARS ①→④)

2024.12.26

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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176880

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED JOINT (AJ320)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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- Usage of Report : QUALITY CONTROL

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Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik

Tel : 1577-0091(ARS ①→④)

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TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176869

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Rolled steels for general structure (SS275)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Tensile Strength	N/mm ²	-	430	KS B 0802 : 2003
Yield Point	N/mm ²	-	285	KS B 0802 : 2003
Elongation	%	-	36	KS B 0802 : 2003
C	%	-	0.18	KS D 1652:2022
Si	%	-	0.23	KS D 1652:2022
Mn	%	-	0.67	KS D 1652:2022
P	%	-	0.016	KS D 1652:2022
S	%	-	0.014	KS D 1652:2022

- Tensile test (KS B 0801 : Test Specimen No.2)

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Park Geon sik

Prepared by Park Geon sik

Tel : 02-2092-3642

Oh Donghyun

Reviewed by Oh Donghyun

Tel : 1577-0091(ARS ①→④)

2024.12.26

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TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176891

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (STS 304W)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Tensile Strength	N/mm ²	-	652	KS B 0802:2003
Yield Strength(0.2% offset)	N/mm ²	-	306	KS B 0802:2003
Elongation	%	-	53	KS B 0802:2003
Flattening Test	-	-	No defects	KS D 3576:2022
C	%	-	0.06	KS D 1652:2022
Si	%	-	0.39	KS D 1652:2022
Mn	%	-	1.02	KS D 1652:2022
P	%	-	0.036	KS D 1652:2022
S	%	-	0.005	KS D 1652:2022
Ni	%	-	8.03	KS D 1652:2022
Cr	%	-	18.09	KS D 1652:2022

- Tensile test (KS B 0801 : Test Specimen No.12B)

- Flattening Test { Distance between flattening plates(H) = $((1+e)t)/(e+(t/D))$ }, e=0.09

- Usage of Report : QUALITY CONTROL

- Next Page -

Jeon Jungyu

Prepared by Jeon Jungyu

Tel : 02-2092-3639

Oh Donghyun

Reviewed by Oh Donghyun

Tel : 1577-0091(ARS ①→④)

2024.12.26

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98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

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Report No : TAK-2024-176891

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (STS 304W)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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Jeon Jungyu

Prepared by Jeon Jungyu

Tel : 02-2092-3639

Oh Donghyun

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TEL 82-2-2164-0011

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Report No : TAK-2024-176890

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (PS 380W)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Tensile Strength	N/mm ²	-	486	KS B 0802:2003
Yield Strength(0.2% offset)	N/mm ²	-	372	KS B 0802:2003
Elongation	%	-	36	KS B 0802:2003
Flattening Test	-	-	No defects	KS D 3562:2022
C	%	-	0.19	KS D 1652:2022
Si	%	-	0.01	KS D 1652:2022
Mn	%	-	0.47	KS D 1652:2022
P	%	-	0.012	KS D 1652:2022
S	%	-	0.003	KS D 1652:2022

- Tensile test (KS B 0801 : Test Specimen No.12B)

- Flattening Test

Weld (Distance between the plates(H) = $\frac{2}{3}$ D)Other than welding (Distance between the plates(H) = $\frac{1}{3}$ D)

- Usage of Report : QUALITY CONTROL

- Next Page -

Chae Junho

Prepared by Chae Junho

Tel : 02-2092-3636

Oh Donghyun

Reviewed by Oh Donghyun

Tel : 1577-0091(ARS ①→④)

2024.12.26

Korea Testing & Research Institute

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TEST REPORT

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Report No : TAK-2024-176890

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (PS 380W)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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Chae Junho

Prepared by Chae Junho

Tel : 02-2092-3636

Oh Donghyun

Reviewed by Oh Donghyun

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98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176888

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (SPP)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Tensile Strength	N/mm ²	-	404	KS B 0802:2003
Yield Strength(0.2% offset)	N/mm ²	-	273	KS B 0802:2003
Elongation	%	-	42	KS B 0802:2003
Flattening Test	-	-	No defects	KS D 3507:2023
C	%	-	0.14	KS D 1652:2022
Si	%	-	0.01	KS D 1652:2022
Mn	%	-	0.39	KS D 1652:2022
P	%	-	0.011	KS D 1652:2022
S	%	-	0.010	KS D 1652:2022

- Tensile test (KS B 0801 : Test Specimen No.12B)

- Flattening Test (Distance between flattening plates(H) = $\frac{2}{3}$ D)

- Usage of Report : QUALITY CONTROL

- Next Page -

Chae Junho

Prepared by Chae Junho

Tel : 02-2092-3636

Oh Donghyun

Reviewed by Oh Donghyun

Tel : 1577-0091(ARS ①→④)

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Report No : TAK-2024-176888

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Steel butt-welding pipe fittings (SPP)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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Prepared by Chae Junho

Tel : 02-2092-3636

Oh Donghyun

Reviewed by Oh Donghyun

Tel : 1577-0091(ARS ①→④)

2024.12.26

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98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176883

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : REDUCING JOINT (AJ730RC)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(6.0 MPa × 1 h)	-	32AX25A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	40AX32A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	50AX40A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	-	65AX50A	No Leakage	Client Provided Test Method

〈Hydrostatic Test〉

-Hold the water pressure at 6.0 MPa for 1 h by using a pressure gauge, then check for leaks.

- Usage of Report : QUALITY CONTROL

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Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik

Tel : 1577-0091(ARS ①→④)

2024.12.26

Korea Testing & Research Institute

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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176881

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED JOINT (AJ130F)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(6.0 MPa × 1 h)	—	25A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	32A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	40A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	50A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	65A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	80A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	100A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	125A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	150A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	200A	No Leakage	Client Provided Test Method
Hydrostatic Test(4.0 MPa × 1 h)	—	250A	No Leakage	Client Provided Test Method
Hydrostatic Test(4.0 MPa × 1 h)	—	300A	No Leakage	Client Provided Test Method

〈Hydrostatic Test〉

—Hold the water pressure at 6.0 MPa, 4.0 MPa for 1 h by using a pressure gauge, then check for leaks.

— Usage of Report : QUALITY CONTROL

— Next Page —

Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

Mun Jung Sik

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Report No : TAK-2024-176881

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED JOINT (AJ130F)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik

Tel : 1577-0091(ARS ①→④)

2024.12.26

Korea Testing & Research Institute

President



QR Code for forgery



TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176886

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED FITTING (REDUCER)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(6.0 MPa × 1 h)	–	32A*25A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	40A*32A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	50A*40A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	65A*50A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	80A*65A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	100A*80A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	125A*100A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	150A*125A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	–	200A*150A	No Leakage	Client Provided Test Method
Hydrostatic Test(4.0 MPa × 1 h)	–	250A*200A	No Leakage	Client Provided Test Method
Hydrostatic Test(4.0 MPa × 1 h)	–	300A*250A	No Leakage	Client Provided Test Method

〈Hydrostatic Test〉

–Hold the water pressure at 6.0 MPa, 4.0 MPa for 1 h by using a pressure gauge,then check for leaks.

– Usage of Report : QUALITY CONTROL

– Next Page –

Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik

Tel : 1577-0091(ARS ①→④)

2024.12.26

Korea Testing & Research Institute

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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176886

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED FITTING (REDUCER)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik

Tel : 1577-0091(ARS ①→④)

2024.12.26

Korea Testing & Research Institute

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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176887

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED FITTING (CAP)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(6.0 MPa × 1 h)	—	25A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	32A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	40A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	50A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	65A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	80A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	100A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	125A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	150A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	200A	No Leakage	Client Provided Test Method
Hydrostatic Test(4.0 MPa × 1 h)	—	250A	No Leakage	Client Provided Test Method
Hydrostatic Test(4.0 MPa × 1 h)	—	300A	No Leakage	Client Provided Test Method

〈Hydrostatic Test〉

—Hold the water pressure at 6.0 MPa, 4.0 MPa for 1 h by using a pressure gauge, then check for leaks.

— Usage of Report : QUALITY CONTROL

— Next Page —

Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik

Tel : 1577-0091(ARS ①→④)

2024.12.26

Korea Testing & Research Institute

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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176887

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED FITTING (CAP)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik

Tel : 1577-0091(ARS ①→④)

2024.12.26

Korea Testing & Research Institute

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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176882

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED JOINT (AJ130R)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(6.0 MPa × 1 h)	—	25A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	32A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	40A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	50A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	65A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	80A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	100A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	125A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	150A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	200A	No Leakage	Client Provided Test Method
Hydrostatic Test(4.0 MPa × 1 h)	—	250A	No Leakage	Client Provided Test Method
Hydrostatic Test(4.0 MPa × 1 h)	—	300A	No Leakage	Client Provided Test Method

〈Hydrostatic Test〉

—Hold the water pressure at 6.0 MPa, 4.0 MPa for 1 h by using a pressure gauge, then check for leaks.

— Usage of Report : QUALITY CONTROL

— Next Page —

Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

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Tel : 1577-0091(ARS ①→④)

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98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176882

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED JOINT (AJ130R)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik

Tel : 1577-0091(ARS ①→④)

2024.12.26

Korea Testing & Research Institute

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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176884

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED FITTING (ELBOW)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(6.0 MPa × 1 h)	—	25A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	32A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	40A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	50A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	65A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	80A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	100A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	125A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	150A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	200A	No Leakage	Client Provided Test Method
Hydrostatic Test(4.0 MPa × 1 h)	—	250A	No Leakage	Client Provided Test Method
Hydrostatic Test(4.0 MPa × 1 h)	—	300A	No Leakage	Client Provided Test Method

〈Hydrostatic Test〉

—Hold the water pressure at 6.0 MPa, 4.0 MPa for 1 h by using a pressure gauge, then check for leaks.

— Usage of Report : QUALITY CONTROL

— Next Page —

Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik

Tel : 1577-0091(ARS ①→④)

2024.12.26

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TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176884

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED FITTING (ELBOW)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik

Tel : 1577-0091(ARS ①→④)

2024.12.26

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TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176885

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED FITTING (TEE)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(6.0 MPa × 1 h)	—	25A*25A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	32A*32A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	40A*40A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	50A*50A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	65A*65A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	80A*80A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	100A*100A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	125A*125A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	150A*150A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	200A*200A	No Leakage	Client Provided Test Method
Hydrostatic Test(4.0 MPa × 1 h)	—	250A*250A	No Leakage	Client Provided Test Method
Hydrostatic Test(4.0 MPa × 1 h)	—	300A*300A	No Leakage	Client Provided Test Method

〈Hydrostatic Test〉

—Hold the water pressure at 6.0 MPa, 4.0 MPa for 1 h by using a pressure gauge, then check for leaks.

— Usage of Report : QUALITY CONTROL

— Next Page —

Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik

Tel : 1577-0091(ARS ①→④)

2024.12.26

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FAX 82-2-2634-1008

Report No : TAK-2024-176885

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED FITTING (TEE)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik

Tel : 1577-0091(ARS ①→④)

2024.12.26

Korea Testing & Research Institute

President



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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176873

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Stainless-steel bolt

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Tensile Strength(Bolt)	N/mm ²	-	724	KS B 0241 : 2016
Stress at 0.2% permanent strain(Bolt)	N/mm ²	-	541	KS B 0241 : 2016
Elongation after fracture(Bolt)	mm	-	26.2	KS B 0241 : 2016
C	%	-	0.02	KS D 1652:2022
Si	%	-	0.38	KS D 1652:2022
Mn	%	-	1.80	KS D 1652:2022
P	%	-	0.038	KS D 1652:2022
S	%	-	0.003	KS D 1652:2022
Ni	%	-	8.06	KS D 1652:2022
Cr	%	-	18.24	KS D 1652:2022
Cu	%	-	1.11	KS D 1652:2022

- Usage of Report : QUALITY CONTROL

- Next Page -

Kim Jae-Young

Prepared by Kim Jae-Young

Tel : 02-2092-3643

Oh Donghyun

Reviewed by Oh Donghyun

Tel : 1577-0091(ARS ①→④)

2024.12.26

Korea Testing & Research Institute

President



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Page : 1 of 2

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전자문서본(Electronic Copy)



TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176873

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Stainless-steel bolt

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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Kim Jae-Young

Prepared by Kim Jae-Young

Tel : 02-2092-3643

Oh Donghyun

Reviewed by Oh Donghyun

Tel : 1577-0091(ARS ①→④)

2024.12.26

Korea Testing & Research Institute

President



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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176875

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED JOINT (AJ550R)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(6.0 MPa × 1 h)	—	50A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	65A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	80A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	100A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	125A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	150A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	200A	No Leakage	Client Provided Test Method

〈Hydrostatic Test〉

-Hold the water pressure at 6.0 MPa for 1 h by using a pressure gauge, then check for leaks.

- Usage of Report : QUALITY CONTROL

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Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik

Tel : 1577-0091(ARS ①→④)

2024.12.26

Korea Testing & Research Institute

President



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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176876

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED JOINT (AJ550F)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(6.0 MPa × 1 h)	—	50A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	65A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	80A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	100A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	125A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	150A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	200A	No Leakage	Client Provided Test Method

〈Hydrostatic Test〉

-Hold the water pressure at 6.0 MPa for 1 h by using a pressure gauge, then check for leaks.

- Usage of Report : QUALITY CONTROL

- Note : 1. The test results of this test report are only limited in to the samples and sample names provided by the client and do not guarantee the quality of all products of the client. You Can check website (www.ktr.or.kr) or QR code to verify the authenticity of the certificate.
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Jeong Hyeondo

Prepared by Jeong Hyeondo

Tel : 02-2092-5908

Mun Jung Sik

Reviewed by Mun Jung Sik

Tel : 1577-0091(ARS ①→④)

2024.12.26

Korea Testing & Research Institute

President



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TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176874

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Epoxy-powder coating

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Appearance of Coating(*)	-	-	No Defects	KS D 4317 : 2022
Adhesion of Coating(Average)(*)(*)	MPa	-	19	KS D 4317 : 2022(application
Adhesion of Coating(Minimum)(*)(*)	MPa	-	19	KS D 4317 : 2022(application
Thickness of Coating(*)	mm	-	0.4	KS D 4317 : 2022
Curing degree of Coating(*)	-	-	No Defects	KS D 4317 : 2022
Scratch Resistance of Coating(*)(**)	-	-	No Defects	KS D 4317 : 2022

* This is the result of a test conducted using a test specimen provided by the client.

** Surface: Iron plate, Adhesive: 2-component epoxy, Test speed: below 1 MPa/s

Fracture Characteristics: Adhesive failure between coat and adhesive(-/Y)

Test equipment: PosiTest AT (Defelsko- USA)

*** Mitsubishi Pencil(H)

- Usage of Report : QUALITY CONTROL

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Kim joong yeon

Prepared by Kim joong yeon

Tel : 02-2092-3703

Lee Choong Hyu P

Reviewed by Lee Choong HyuP

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TEST REPORT

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TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176871

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Rubber goods for water works service (Gasket) 70

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Tensile Strength	N/cm ²	-	1 960	KS M 6613 : 2022
Elongation at Break	%	-	444	KS M 6613 : 2022
Spring Hardness Hs(Shore A)	-	-	69	KS M 6613 : 2022
Elongation at 686 N/cm ² Load	%	-	180	KS M 6613 : 2022
Tensile Set	%	-	6	KS M 6613 : 2022
Aging Test((70 ± 1) °C, 96 h)	-	-	-	KS M 6613 : 2022
-Change in Tensile Strength	%	-	-1	KS M 6613 : 2022
-Change in Elongation at Break	%	-	-8	KS M 6613 : 2022
-Change in Spring Hardness Hs	-	-	0	KS M 6613 : 2022
Compression Set((70 ± 1) °C, 22 h)	%	-	12	KS M 6613 : 2022

- Usage of Report : QUALITY CONTROL

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- Next Page -

Ju Wonoh

Prepared by Ju Wonoh

Tel : 02-2092-3611

Kim Tae-bum

Reviewed by Kim Tae-bum

Tel : 1577-0091(ARS ①→④)

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TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176871

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : Rubber goods for water works service (Gasket) 70

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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The above testing certificate is not related to KS Q ISO/IEC 17025 and Korea Laboratory Accreditation Scheme.

Ju Wonoh

Prepared by Ju Wonoh

Tel : 02-2092-3611

Kim Tae-bum

Reviewed by Kim Tae-bum

Tel : 1577-0091(ARS ①→④)

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TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TAK-2024-176879

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED JOINT (AJ520)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(6.0 MPa × 1 h)	—	40A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	50A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	65A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	80A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	100A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	125A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	150A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	200A	No Leakage	Client Provided Test Method
Hydrostatic Test(4.0 MPa × 1 h)	—	250A	No Leakage	Client Provided Test Method
Hydrostatic Test(4.0 MPa × 1 h)	—	300A	No Leakage	Client Provided Test Method
Hydrostatic Test(3.0 MPa × 1 h)	—	600A	No Leakage	Client Provided Test Method

〈Hydrostatic Test〉

—Hold the water pressure at 6.0 MPa, 4.0 MPa, 3.0 MPa for 1 h by using a pressure gauge, then check for leaks.

— Usage of Report : QUALITY CONTROL

— Next Page —

Jeong Hyeondo

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Mun Jung Sik

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TEL 82-2-2164-0011

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Report No : TAK-2024-176879

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED JOINT (AJ520)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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Jeong Hyeondo

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Tel : 02-2092-5908

Mun Jung Sik

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TEL 82-2-2164-0011

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Report No : TAK-2024-176877

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED JOINT(AJS510R)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Hydrostatic Test(6.0 MPa × 1 h)	—	25A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	32A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	40A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	50A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	65A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	80A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	100A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	125A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	150A	No Leakage	Client Provided Test Method
Hydrostatic Test(6.0 MPa × 1 h)	—	200A	No Leakage	Client Provided Test Method
Hydrostatic Test(4.0 MPa × 1 h)	—	250A	No Leakage	Client Provided Test Method
Hydrostatic Test(4.0 MPa × 1 h)	—	300A	No Leakage	Client Provided Test Method

〈Hydrostatic Test〉

—Hold the water pressure at 6.0 MPa, 4.0 MPa for 1 h by using a pressure gauge, then check for leaks.

— Usage of Report : QUALITY CONTROL

— Next Page —

Jeong Hyeondo

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Report No : TAK-2024-176877

Receipt Date : 2024.12.11.

Representative : Lee Sang-heon

Test Completion Date : 2024.12.26.

Company name : NEW ASIA CO., LTD.

Address : 262, Neungseo-ro, Sejongdaewang-myeon, Yeosu-si, Gyeonggi-do, Republic of Korea

Sample name : GROOVED JOINT(AJS510R)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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Tel : 02-2092-5908

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