



TEST REPORT

1. NO : CU18-00931

2. Client

○ Name : KHEO SUNG WORLD INC.

○ Address : Room 1806, KNK Digital Tower, #220, Yeongsin-ro, Yeongdeungpo-gu, Seoul, Korea

3. Date of Test : 2018.10.05 ~ 2018.10.30

4. Use of Report : -

5. Test Sample : KOREA KING DIAMOND X SERIES

6. Test Method

(1) Test method requested by the client

(2) KCL-FIR-1003:2018

Affirmation	Tested By Name : Ho Seong Seo	Technical Manager Name : Young Tai Noh
Our report apply only to the standards or procedures identified and to the sample(s) tested unless otherwise specified. The test results are not indicative of representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products. The authenticity of this test report can be checked on KCL website(www.kcl.re.kr).		

2018.10.30

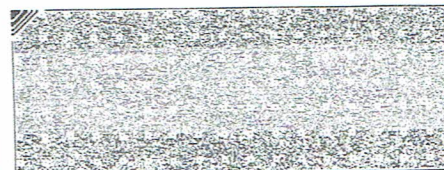
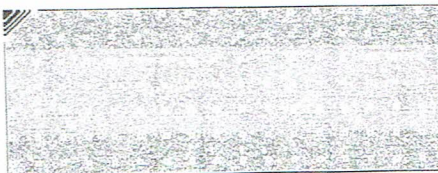
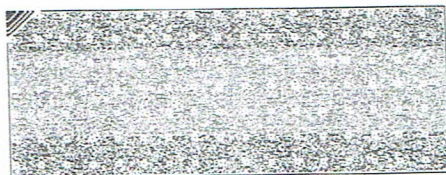
Korea Conformity Laboratories

President

Yoon, Kap Seok

Address : 08503 199, Gasan digital 1-ro, Geumcheon-gu, Seoul, Korea 82-2-2102-2500

Result Inquiry : Metal & Machinery Team 82-2-2102-2652



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7. Test results

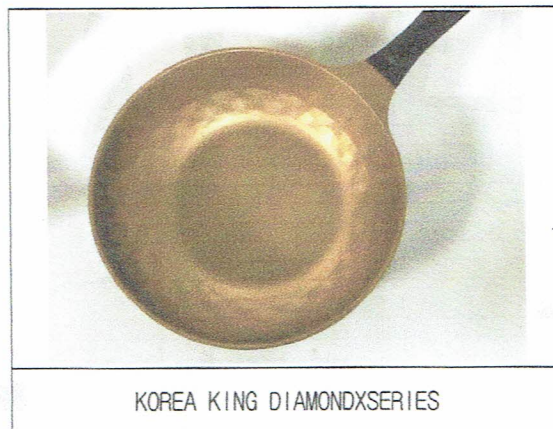
7.1 Abrasive test

Items	Unit	Test method	Test results
KOREA KING DIAMONDXSERIES	-	(1) Test method requested by the client	No peeling (50 000 cycles)

▷ Test method requested by the client and conditions

- Load : 500 g
- Speed : 40 cycles/min
- Scrubber type : 3M Scotch Brite (Green Synthetic fiber)
- Replace the scrubber every 10 000 cycles
- Test condition : Wet type(DI Water 1 000 mL + 5 g liquid detergent)
- Testing(to and fro motion) distance : about 10 cm
- Test environment : (23 ± 3) °C, (40 ± 10) % R.H.
- Specification : base metal should not be exposed

▷ Test specimen

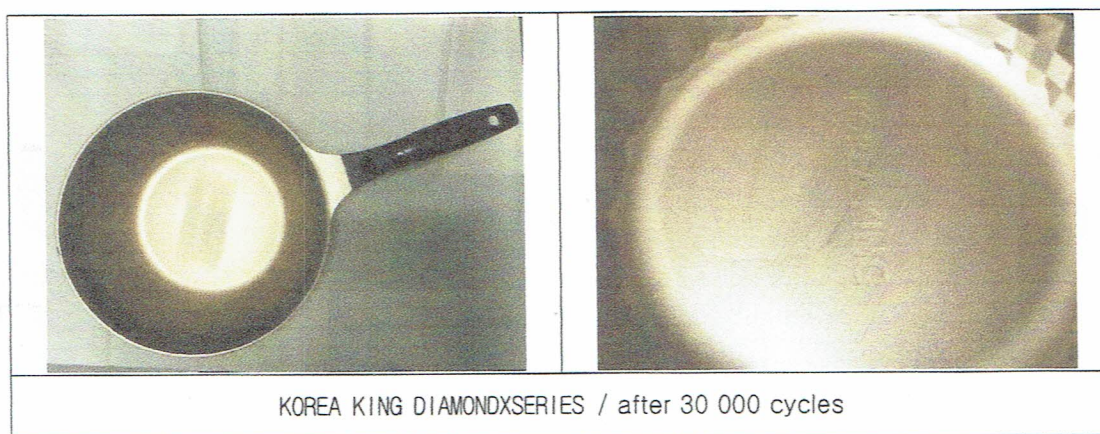


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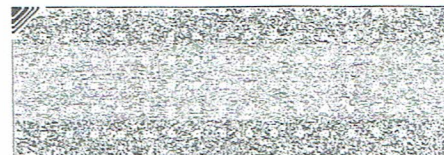
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▷ Test pictures

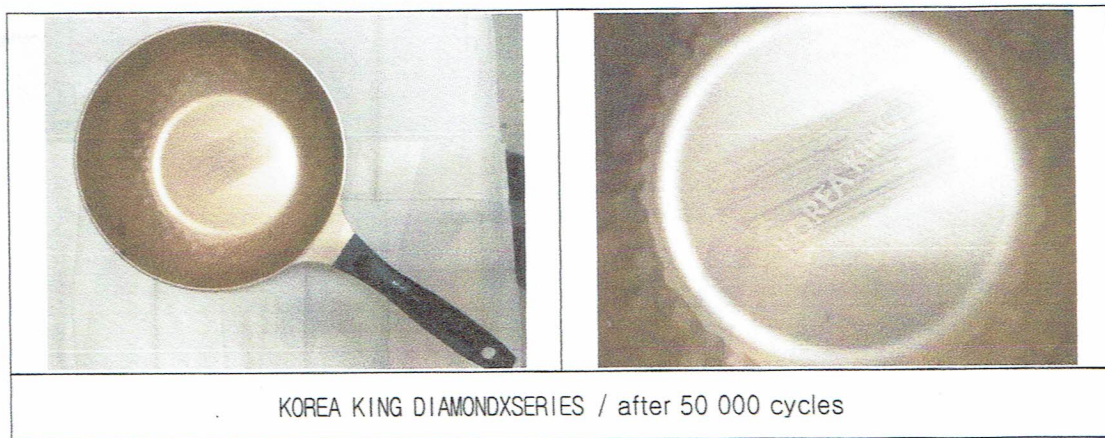
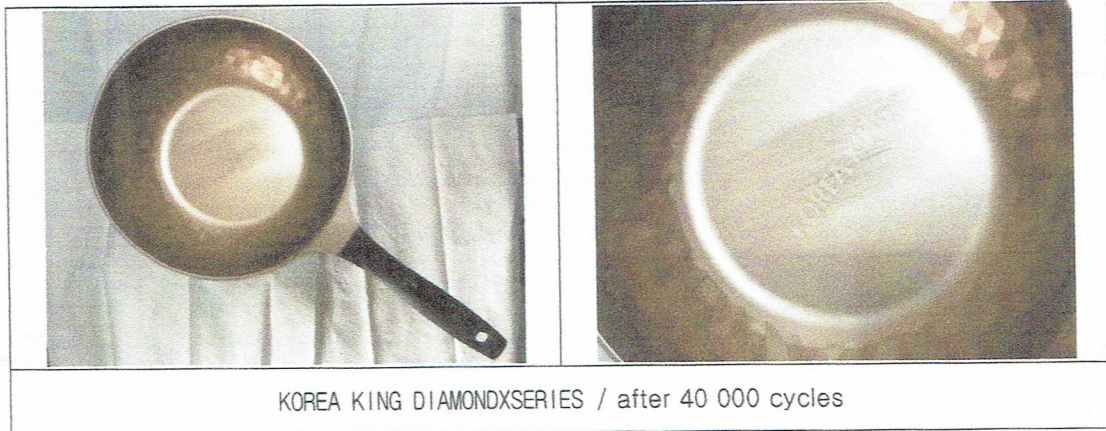


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7.2 Corrosion test

Items	Unit	Test method	Test results
KOREA KING DIAMOND SERIES [15 % NaCl solution]	-	(1) Test method requested by the client	No failure found

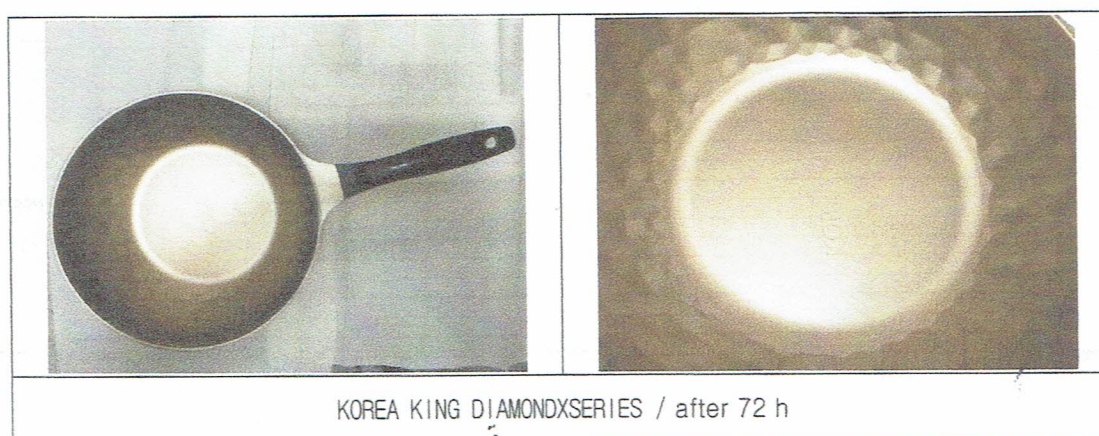
▷ Test method requested by the client and conditions

- Amount of NaCl solution : 1 000 mL
- Test time : 72 hour
- Test environment : (23 ± 1) °C, (50 ± 5) % R.H.
- Specification : Whether the surface coating was visually color change of corrosion

▷ Test specimen



▷ Test pictures



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