

TEST REPORT

APPLICANT : Akzonobel Industrial Coatings Korea Ltd.

ADDRESS : 705, Haeon-ro, Sangnok-gu,
Ansan-si, Gyeonggi-do, Korea

PAGE: 1 of 3

REPORT NO. RT25R-S2719-010-E

DATE: Apr. 17, 2025

SAMPLE DESCRIPTION : The following submitted sample(s) said to be:-

NAME/TYPE OF PRODUCT : POLY HARD MF-40

SAMPLE ID NO. : RT25R-S2719-010

MANUFACTURER/VENDOR : Akzonobel Industrial Coatings Korea Ltd.

SAMPLE RECEIVED : Apr. 11, 2025

TESTING DATE : Apr. 11, 2025 ~ Apr. 17, 2025

TEST METHOD(S) : Please see the following page(s).

TEST RESULT(S) : Please see the following page(s).

* Note 1 : The test results presented in this report refer only to the object tested.

* Note 2 : This report shall not be reproduced except in full without the written approval of the testing laboratory.

Approved by,



Nikkie Lee / Lab. Technical Manager

Authorized by,



Jade Jang / Lab. General Manager



Authenticity check

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PAGE: 2 of 3
DATE: Apr. 17, 2025

SAMPLE ID NO. : RT25R-S2719-010
SAMPLE DESCRIPTION : POLY HARD MF-40

TEST ITEM	UNIT	TEST METHOD	MDL	RESULT
Cadmium (Cd)	mg/kg	With reference to IEC 62321-5 Edition 1.0 : 2013, by acid digestion and determined by ICP-OES	0.5	N.D.
Lead (Pb)	mg/kg		5	N.D.
Mercury (Hg)	mg/kg	With reference to IEC 62321-4 : 2013/AMD1 : 2017, by acid digestion and determined by ICP-OES	2	N.D.
Hexavalent Chromium (Cr ⁶⁺)	mg/kg	With reference to IEC 62321-7-2 Edition 1.0 : 2017, by alkaline/toluene digestion and determined by UV-VIS Spectrophotometer	8	N.D.

Tested by : Jooyeon Lee, Chano Kim

Notes : mg/kg = ppm = parts per million
< = Less than
N.D. = Not detected (<MDL)
MDL = Method detection limit

* View of sample as received;-



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SAMPLE DESCRIPTION : POLY HARD MF-40



Remarks :

*1 : List of appropriate acid :

Material	Acid added for digestion
Polymers	HNO ₃ , HCl, HF, H ₂ O ₂ , H ₃ BO ₃
Metals	HNO ₃ , HCl, HF
Electronics	HNO ₃ , HCl, H ₂ O ₂ , HBF ₄

*2 : The samples were dissolved totally by pre-conditioning method according to above flow chart.

***** End of Report *****

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