

CERTIFICATE



20 Yoido-Dong, Yong Dug Po-Gu
Seoul , Korea

- Issued by :
 - 70-1 Hwachi-Dong Yosu-City
Chunnam-Do, LG Chem, Ltd.
Yosu Operation ABS/PS QA Team
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Grade HI121H

Color All Color

Issue date May 18, 2005.

Information of Chemical

- Chemical Product Name : ABS Resin
- CAS No : 9003-56-9
- Usage : The application of Electronic & automobile part etc.
- Chemical Type : Thermoplastics
- MSDS Information : www.chemwide.com

- This is to certify that LG Chem ABS HI121H has been tested in accordance with FDA 21 CFR §181.32 Acrylonitrile Copolymers and Resins and does not contain heavy metals as belows since we do not use heavy metals as ingredients or additives in our manufacturing process such as polymerization, compounding and color matching process.

*Heavy materials : Lead, Mercury, Cadmium, Chrome(6+)

Test Results

Extraction Condition

Distilled Water (120°F, 30min.)
3% Acetic Acid (120°F, 30min.)
n-Heptane (120°F, 30min.)
8% Ethanol (120°F, 30min.)

Test Results

Less than 0.003mg/in²
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Conclusion

We hereby certify that LG Chem ABS HI121H comply to the acrylonitrile extraction specification according to FDA 21 CFR §181.32 and can be safely used for the articles to contact food.

B.K. Kim
QA team Manager
LG Chem, Ltd.