

NOVA™ ALP0708

Maleic Anhydride Modified Polyethylene for Aluminum Composite Panel

CHARACTERISTICS

- **Advanced adhesion to substrates**
- **Excellent adhesive durability**
- **Maintain polyethylene property**
- **Compatible with polyethylene and good processibility**

APPLICATIONS

- **Co-extrusion for aluminum composite panel**
- **Inflation adhesive film for aluminum composite panel**
- **Structure AL / AD /
/ Plastics / AD / AL
(AL/AD/PE/AD/AL, etc.)**

Description

NOVA™ ALP0708 is especially suitable for multi-layer sheet and co-extrusion with polyethylene, aluminum and other materials. Polyethylene based, NOVA™ ALP0708 has an advanced functional monomer to improve adhesion capability.

Property	Test Method	Unit	Test Value
Melt Index (190℃ / 2.16kg)	ISO 1133 ASTM D1238	g/10 min	3.0
Density	ISO 1183-3 ASTM D1505	g/cm ³	0.938
Melting Point (DSC)	ISO 3146 ASTM D3418	℃	120
Vicat Softening Point	ASTM D1525	℃	95
Tensile Strength	ASTM D638	kg/cm ²	175
Elongation	ASTM D638	%	140
Izod Impact Strength	ASTM D256	kg·cm/cm	Un Broken
Adhesion Strength (to AL Plate)	TWO H Method	kg/2.5cm	> 18
Visual Appearance	Naturally White Pellet		
Packaging	25 Kg PP woven Kraft paper bag/ PE inner bag		

The product described herein is manufactured by TWO H Chem Ltd.
NOVA™ is a trademark of TWO H Chem Ltd. The above data and results obtained are average values from laboratory testing and are not to be construed as specifications.

Safety and Handling Considerations

Material Safety Data (MSD) sheets for are available from TWO H Chem Ltd. and its distributors. MSD sheets are provided to help customers satisfy their own handling, safety, and disposal needs, and those that may be required by locally applicable health and safety regulations, such as OSHA (U.S.A.), or WHMIS (Canada). MSD sheets are updated regularly; therefore, please request and review the most current MSD sheets before handling or using any product. All users of our products are urged to retain and use the MSDS. The following comments apply only to materials which are used unmodified and processed according to good manufacturing practices; additives, processing aids or other materials used in formulating, fabrication and/or finishing steps have their own safe-use profile and must be investigated separately.

NOTICE REGARDING PROHIBITED USE RESTRICTIONS: TWO H Chem Ltd. and its distributors do not recommend and will not knowingly provide any of its products, including samples, for use as: Components of, or packaging for, tobacco products; Components of products where the end product is intended for human or animal consumption; In any application that is intended for any internal contact with human body fluids or body tissues; As a critical component in any medical device that supports or sustains human life; In any product that is designed specifically for ingestion or internal use by pregnant women; and in any application designed specifically to promote or interfere with human reproduction.

Disclaimer: No freedom from any patent owned by TWO H Chem Ltd. or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, the Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. TWO H Chem Ltd. and its distributors assumes no obligation or liability for the information in this document. TWO H Chem Ltd. and its distributors do not guarantee testing accuracy and will make no guarantee of product performance, safety or suitability for an application, either expressed or implied, when used alone or in combination with other products or materials. TWO H Chem and its distributors assumes no obligation or liability for any advice furnished and/or damage or injury sustained as a result of the use of its products. **NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE ARE EXPRESSLY EXCLUDED.**

Issue date : July 10, 2010 (Legislate)
Revision date : September 14, 2017 (2nd)