

## **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	2.5
Density	ISO 1183-3 ASTM D1505	g/cm <sup>3</sup>	0.940
Melting Point (DSC)	ISO 3146 ASTM D3418	℃	120
Vicat Softening Point	ASTM D1525	℃	95
Tensile Strength	ASTM D638	kg/cm <sup>2</sup>	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		

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**Safety and Handling Considerations**

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