

## **NOVA™ ADBOND800**

**Maleic Anhydride Modified Polyethylene  
for Aluminum Honeycomb Panel**

### **CHARACTERISTICS**

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

### **APPLICATIONS**

- **Adhesive film and sheet for multi-layer aluminium sheet in honeycomb panel**
- **Adhesive inflation film or T-Die sheet for various composite aluminium plate**
- **Structure AL / AD / Plastics or honeycomb structure / AD / AL**

### **Description**

NOVA™ ADBOND800 is especially suitable for multi-layer sheet and aluminium honeycomb core. Polyethylene based, NOVA™ ADBOND800 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	2.3
Density	ISO 1183-3 ASTM D1505	g/cm <sup>3</sup>	0.935
Melting Point (DSC)	ISO 3146 ASTM D3418	℃	122
Vicat Softening Point	ASTM D1525	℃	101
Tensile Strength	ASTM D638	kg/cm <sup>2</sup>	180
Elongation	ASTM D638	%	> 150
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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