

NOVA™ ALP0302

Maleic Anhydride Modified Polyethylene for Aluminum Composite Pipe

CHARACTERISTICS

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

APPLICATIONS

- **Co-extrusion for aluminum composite pipe & panel**
- **Structure**
AI / AD / PE / AD / AI

Description

NOVA™ ALP0302 is especially suitable for Aluminum Composite Pipe, and co-extrusion with polyethylene and aluminum. Polyethylene based resin by TWO H Chem, NOVA™ ALP0302 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 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
Packaging	25 Kg PP woven Kraft paper bag/ PE inner bag		

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Safety and Handling Considerations

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