

NOVA™ AP190S

Maleic Anhydride Modified Polyolefin for Steel Composite Pipe

CHARACTERISTICS

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

APPLICATIONS

- **Advanced adhesive resin for steel composite pipe**
- **Co-extrusion of polyolefin with steel and other plastic materials, which need a chemical resistance. Especially, multi-layer pipe as oil and gas pipe application**

Description

NOVA™ AP190S is especially suitable for multi-layer pipe and co-extrusion of polyolefin with steel and other materials. Polyolefin based resin by TWO H Chem, NOVA™ AP190S has an advanced functional monomer to improve adhesion strength.

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	0.930
Melting Point (DSC)	ISO 3146 ASTM D3418	℃	110
Vicat Softening Point	ASTM D1525	℃	92
Tensile Strength	ASTM D882	kg/cm ²	170
Elongation	ASTM D882	%	> 600
Izod Impact Strength	ASTM D256	kg·cm/cm	Un Broken
Adhesion Strength (to Steel Plate)	ISO 8510-1	kg/2.5cm	> 15
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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