

NOVA™ AB130M

**Maleic Anhydride Modified Polyethylene
for Multi-layer Bottle and Sheet**

CHARACTERISTICS

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

APPLICATIONS

- **Tie-layer in EVOH / Nylon multi-layer bottle and multi-layer sheet (PE / AD layer / Nylon [EVOH] / AD layer / PE)**

Description

NOVA™ AB130M is especially designed for multi-layer bottle as the tie-layer to EVOH and Nylon. NOVA™ AB130M, in spite of its adhesive property and polarity gained through grafting, still maintains basic property of polyethylene resin. NOVA™ AB130M has an advanced functional monomer to improve adhesive strength.

Property	Test Method	Unit	Test Value
Melt Index (190℃ / 2.16kg)	ISO 1133 ASTM D1238	g/10 min	0.8
Density	ISO 1183-3 ASTM D1505	g/cm ³	0.938
Vicat Softening Point	ASTM D1525	℃	110
Tensile Strength	ASTM D638	kg/cm ²	250
Elongation	ASTM D638	%	> 600
Adhesion Strength (to Nylon)	TWO H Method	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

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.

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