

NOVA™ HFC7000

Flame Retardant Polyolefin Adhesive Resin for Aluminium Corrugated Panel

CHARACTERISTICS

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

APPLICATIONS

- **Co-extrusion for aluminium corrugated core panel**
- **Structure AL / AD /
/ AL-Corru. / AD / AL**

Description

NOVA™ HFC7000 is especially suitable for multi-layer sheet and co-extrusion with aluminium corrugated core, aluminium and other materials. NOVA™ HFC7000 is flame retardant adhesive resin including polyolefin resin and fillers. Polyolefin based resin by TWO H Chem, NOVA™ HFC7000 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	3.0
Density	ISO 1183-3 ASTM D1505	g/cm ³	1.023
Melting Point (DSC)	ISO 3146 ASTM D3418	℃	127
Tensile Strength	ASTM D638	kg/cm ²	130
Adhesion Strength	TWO H Method	kg/2.5cm	> 13
Incombustibility grade	UL94	-	V-0
Packaging	25Kg 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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