

Polimeri Europa Greenflex® HN 70 Ethylene Vinyl Acetate Copolymer - Compounding

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate Copolymer (EVA), Adhesive/Sealant Grade

Material Notes:

Greenflex HN 70 is an ethylene vinyl acetate copolymer (EVA) for compounding applications. Greenflex HN 70 is a medium fluidity grade with high tack. Main Applications: Greenflex HN 70 is recommended as base component for hot melt adhesives used in packaging, bookbinding and woodworking. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Greenflex-HN-70-Ethylene-Vinyl-Acetate-Copolymer-Compounding.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.952 g/cc	0.952 g/cc	ISO 1183
Vinyl Acetate Content	28 %	28 %	Internal Method
Melt Flow	6.0 g/10 min @Load 2.16 kg, Temperature 190 °C	6.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	ISO 868/A
Hardness, Shore D	31	31	ISO 868/A
Tensile Strength, Yield	2.70 MPa	392 psi	ISO 527
Flexural Modulus	0.0150 GPa	2.18 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Melting Point	73.0 °C	163 °F	Internal Method
Vicat Softening Point	45.0 °C @Load 1.00 kg	113 °F @Load 2.20 lb	ISO 306/A
Brittleness Temperature	<= -80.0 °C	<= -112 °F	ASTM D746

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