

DuPont Bynel® 30E670 Adhesive Resin

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Bynel® Series 3000 resins are anhydride-modified ethylene vinyl acetate polymers. They are available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene (PE) resins. Applications: Bynel® 30E670 adheres to a wide variety of materials. It is most often used to adhere to PE, ionomers, EVA, and polyamide. Physical properties of Bynel® Series 3000 resins are typical of EVA resins with similar density and melt index values. The rheology characteristics of each grade are different, so one may be better suited than the others for a particular extrusion process. Information provided by DuPont™

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Bynel-30E670-Adhesive-Resin.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in³	ASTM D792
Melt Flow	0.80 g/10 min	0.80 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Thermal Properties	Metric	English	Comments
Melting Point	83.0 °C	181 °F	Freezing Point, DSC; ASTM D3418
	96.0 °C	205 °F	DSC; ASTM D3418
Vicat Softening Point	84.0 °C	183 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	120 °C	248 °F	
Middle Barrel Temperature	220 °C	428 °F	
Front Barrel Temperature	235 °C	455 °F	
Adapter Temperature	235 °C	455 °F	
Die Temperature	235 °C	455 °F	

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