

DuPont Bynel® 42E703 Adhesive Resin

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Bynel® Series 4200 resins are anhydride-modified low-density polyethylene resins. They are available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene (PE) resins. Bynel® 42E703 is specifically designed for high bonding performance with EVOH in high-speed coextrusion coating or laminating applications. They can also be used in cast film applications. Physical properties of Bynel® Series 4200 resins are typical of low-density polyethylene resins with similar density and melt index values. Information provided by DuPont™

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Bynel-42E703-Adhesive-Resin.php

Physical Properties	Metric	English	Comments
Density	0.910 g/cc	0.0329 lb/in ³	ASTM D792
Melt Flow	5.7 g/10 min	5.7 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	96.0 °C	205 °F	Freezing Point, DSC; ASTM D3418
	105 °C	221 °F	DSC; ASTM D3418
Vicat Softening Point	80.0 °C	176 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	120 °C	248 °F	For coextrusion with EVA or EVOH.
Middle Barrel Temperature	220 °C	428 °F	For coextrusion with EVA or EVOH.
Front Barrel Temperature	235 °C	455 °F	For coextrusion with EVA or EVOH.
Adapter Temperature	235 °C	455 °F	For coextrusion with EVA or EVOH.
Die Temperature	235 °C	455 °F	For coextrusion with EVA or EVOH.

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