

DuPont Bynel® 41E712 Adhesive Resin (discontinued **)

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Bynel® Series 4100 resins are anhydride-modified linear low-density polyethylene (LLDPE) resins. They are available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene (PE) resins. Applications: Bynel® Series 4100 resins adhere to a variety of materials. They are most often used to adhere to EVOH, polyamide, PE, ionomers, and ethylene copolymers. Bynel® Series 4100 resins can be used in coextrusion processes including: blown filmcast film/sheetblow molding melt and solid phase thermoforming sheet and tubing Bynel® 41E712 provides improved adhesion to EVOH and outstanding adhesion to polyamide. Information provided by DuPont™

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Bynel-41E712-Adhesive-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in³	ASTM D792
Melt Flow	1.5 g/10 min @Load 2.16 kg, Temperature 190 °C	1.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Thermal Properties	Metric	English	Comments
Melting Point	113 °C	235 °F	Freezing Point, DSC; ASTM D3418
	125 °C	257 °F	DSC; ASTM D3418
Vicat Softening Point	102 °C	216 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	120 °C	248 °F	For high temperature coextrusions.
	120 °C	248 °F	For coextrusion with EVA or EVOH.
Middle Barrel Temperature	220 °C	428 °F	For coextrusion with EVA or EVOH.
	235 °C	455 °F	For high temperature coextrusions.
Front Barrel Temperature	235 °C	455 °F	For coextrusion with EVA or EVOH.
	250 °C	482 °F	For high temperature coextrusions.
Adapter Temperature	235 °C	455 °F	For coextrusion with EVA or EVOH.
	250 °C	482 °F	For high temperature coextrusions.
Die Temperature	235 °C	455 °F	For coextrusion with EVA or EVOH.

Processing Properties	250 °C Metric	482 °F English	For high temperature coextrusions. Comments
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