DuPont Bynel® 3062 Anhydride-Modified Ethylene Vinyl Acetate Adhesive Resin (discontinued **)

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

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® 3030, 3048, 3062, 3080, and 3095 adhere to a wide variety of materials. They are most often used to adhere to PE, ionomers, EVA, and polyamide. In addition, Bynel® 3062 also adheres to EVOH.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 to a particular extrusion process. Information provided by DuPont Packaging Polymers.

Order this product through the following link:
http://www.lookpolymers.com/polymer_DuPont-Bynel-3062-Anhydride-Modified-Ethylene-Vinyl-Acetate-Adhesive-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.926 g/cc	0.0335 lb/in³	ASTM D792
Viscosity	1.50e+6 cP @Shear Rate 50.0 1/s, Temperature 190 °C	1.50e+6 cP @Shear Rate 50.0 1/s, Temperature 374 °F	
Melt Flow	1.1 g/10 min @Load 2.16 kg, Temperature 190 °C	1.1 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Thermal Properties	Metric	English	Comments
Melting Point	67.0 °C	153 °F	Freezing point via DSC/ASTM D3418
	85.0 °C	185 °F	Melting point via DSC/ASTM D3418
Vicat Softening Point	60.0 °C	140 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Processing Temperature	235 °C	455 °F	Extruder forward zone and adapter. Degrades above 238°C.
Nozzle Temperature	235 °C	455 °F	Die

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