

Bynel® 1123

Ethylene Vinyl Acetate Copolymer

DuPont Packaging & Industrial Polymers

Message:

BYNEL® Series 1100 resins are 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.

BYNEL 1100 series resins adhere to a wide variety of materials. They are most often used to adhere to PE, ionomers, EVA, and in some cases PVC, PS, HIPS, and PP.

General Information			
Agency Ratings	FDA 21 CFR 177.1350		
Forms	Particle		
Processing Method	Co-extrusion molding		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.7	g/10 min	ASTM D1238, ISO 1133
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	50.0	°C	ASTM D1525, ISO 306
Peak Melting Temperature	74.0	°C	ASTM D3418, ISO 3146
Freezing Point	51	°C	ASTM D3418
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	135	°C	
Cylinder Zone 2 Temp.	160	°C	
Cylinder Zone 3 Temp.	185	°C	
Cylinder Zone 4 Temp.	210	°C	
Cylinder Zone 5 Temp.	235	°C	
Adapter Temperature	235	°C	
Melt Temperature	< 235	°C	
Die Temperature	235	°C	
Extrusion instructions			

Processing conditions shown are for cast film/sheet.

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Recommended distributors for this material

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