

# Bynel® 30E670

Ethylene Vinyl Acetate Copolymer  
DuPont Packaging & Industrial Polymers

Message:

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.  
BYNEL 3000 series resins adhere to a wide variety of materials. They are most often used to adhere to PE, ionomers, EVA and polyamide.

General Information			
Features	Good adhesion		
Uses	Adhesive		
Agency Ratings	FDA 21 CFR 175.105		
Forms	Particle		
Processing Method	Co-extrusion molding		
	Extrusion		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.928	g/cm <sup>3</sup>	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.80	g/10 min	ASTM D1238, ISO 1133

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	84.0	°C	ASTM D1525, ISO 306
Melting Temperature	96.0	°C	DSC, ISO 3146
Freezing Point	83	°C	ASTM D3418

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	135	°C
Cylinder Zone 2 Temp.	185	°C
Cylinder Zone 3 Temp.	210	°C
Cylinder Zone 4 Temp.	235	°C
Cylinder Zone 5 Temp.	235	°C
Adapter Temperature	235	°C
Melt Temperature	< 235	°C
Die Temperature	235	°C

Extrusion instructions
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Processing conditions shown are for coextrusion with nylon.

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Recommended distributors for this material

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