

Bynel® 22E780

Ethylene Acrylate Copolymer
DuPont Packaging & Industrial Polymers

Message:

BYNEL® Series 2200 resins are modified ethylene acrylate resins. They contain a temperature stable ester which makes them functional in high temperature coextrusions. They are available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene (PE) resins.

BYNEL 2200 series resins adhere to a wide variety of materials. They are most often used to adhere to PE, PP, PET and paper.

General Information	
Features	Good adhesion
Uses	Adhesive
Agency Ratings	FDA 21 CFR 177.1340
Forms	Particle
Processing Method	Co-extrusion molding Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.940	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238, ISO 1133

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	48.0	°C	ASTM D1525, ISO 306
Peak Melting Temperature	91.0	°C	ASTM D3418, ISO 3146

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	160	°C
Cylinder Zone 2 Temp.	185	°C
Cylinder Zone 3 Temp.	210	°C
Cylinder Zone 4 Temp.	210	°C
Cylinder Zone 5 Temp.	210	°C
Adapter Temperature	210	°C
Melt Temperature	< 310	°C
Die Temperature	210	°C

Extrusion instructions
Processing conditions shown are for blown film.Processing conditions for cast film/sheet:Zone 1: 160°CZone 2: 185°CZone 3: 210°CZone 4: 235°CZone 5: 235°CAdapter: 235°CDie: 235°C

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Recommended distributors for this material

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