

## DuPont™ Bynel® 22E757 Modified Ethylene Acrylate

Category : Polymer , Thermoplastic , Adhesives, Sealants, and Coatings

### Material Notes:

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 22E757 resin conforms with the Code of Federal Regulations, Title 21, Paragraph 177.1340, covering use in contact with all types of food, subject to meeting the migration limits specified in the regulation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Bynel-22E757-Modified-Ethylene-Acrylate.php](http://www.lookpolymers.com/polymer_DuPont-Bynel-22E757-Modified-Ethylene-Acrylate.php)

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in³	ASTM D792, ISO 1183
Melt Flow	8.0 g/10 min @Load 2.16 kg, Temperature 190 °C	8.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238, ISO 1133

Thermal Properties	Metric	English	Comments
Melting Point	92.0 °C	198 °F	ASTM D3418, ISO 3146
Vicat Softening Point	54.0 °C	129 °F	ASTM D1525, ISO 306

Processing Properties	Metric	English	Comments
Processing Temperature	<= 310 °C	<= 590 °F	
Feed Temperature	160 °C	320 °F	Extrusion Coating
Zone 2	210 °C	410 °F	Extrusion Coating
Zone 3	260 °C	500 °F	Extrusion Coating
Zone 4	285 °C	545 °F	Extrusion Coating
Zone 5	285 °C	545 °F	Extrusion Coating
Adapter Temperature	285 °C	545 °F	Extrusion Coating
Die Temperature	285 °C	545 °F	Extrusion Coating
Melt Temperature	210 - 235 °C	410 - 455 °F	CoExtrusion with EVOH Processing
	<= 310 °C	<= 590 °F	CoExtrusion with Nylon Processing

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