

DuPont™ Appeel® 72D727 Sealing Resin

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

Material Notes:

DuPont™ Appeel® 72D727 is a blown or cast film resin designed to be a sealing layer to film or sheet lidding applications. It provides a peelable seal to a number of materials including HDPE, LLDPE, LDPE, EVA, and Ionomer. Appeel® 72D727 is a modified ethylene vinyl acetate polymer available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene resins. Appeel® 72D727 resin complies with Food and Drug Administration Regulation 21 CFR 177.1330 subject to the limitations and requirements therein. This Regulation describes polymers that may be used in contact with food, subject to the finished food-contact article meeting the extractive limitations under the intended conditions of use. The temperature of use must not exceed 100C / 212F.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Appeel-72D727-Sealing-Resin.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in³	ASTM D792, ISO 1183
Melt Flow	3.5 g/10 min @Load 2.16 kg, Temperature 190 °C	3.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238, ISO 1133

Thermal Properties	Metric	English	Comments
Melting Point	94.0 °C	201 °F	ASTM D3418, ISO 3146
Vicat Softening Point	68.0 °C	154 °F	ASTM D1525, ISO 306

Processing Properties	Metric	English	Comments
Processing Temperature	<= 235 °C	<= 455 °F	
Feed Temperature	140 °C	284 °F	Blown Film Coextrusion
Zone 2	150 °C	302 °F	Blown Film Coextrusion
Zone 3	160 °C	320 °F	Blown Film Coextrusion
Zone 4	180 °C	356 °F	Blown Film Coextrusion
Zone 5	180 °C	356 °F	Blown Film Coextrusion
Adapter Temperature	180 °C	356 °F	Blown Film Coextrusion
Die Temperature	170 °C	338 °F	Blown Film Coextrusion
Melt Temperature	160 - 185 °C	320 - 365 °F	Blown Film Coextrusion

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