

DuPont™ Appeel® 72D811 Sealing Resin

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

Material Notes:

DuPont™ Appeel® 72D811 resin is 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® 72D811 is a modified ethylene acrylate polymer available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene resins. Appeel® 72D811 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, as shown in paragraph (c) of the Regulation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Appeel-72D811-Sealing-Resin.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in³	ASTM D792, ISO 1183
Melt Flow	6.9 g/10 min @Load 2.16 kg, Temperature 190 °C	6.9 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

Processing Properties	Metric	English	Comments
Processing Temperature	<= 260 °C	<= 500 °F	
Feed Temperature	135 °C	275 °F	Blown Film Coextrusion
	135 °C	275 °F	Cast Film/Sheet Processing
Zone 2	160 °C	320 °F	Blown Film Coextrusion
	160 °C	320 °F	Cast Film/Sheet Processing
Zone 3	185 °C	365 °F	Blown Film Coextrusion
	185 °C	365 °F	Cast Film/Sheet Processing
Zone 4	185 °C	365 °F	Blown Film Coextrusion
	210 °C	410 °F	Cast Film/Sheet Processing
Zone 5	185 °C	365 °F	Blown Film Coextrusion
	210 °C	410 °F	Cast Film/Sheet Processing

Adapter Temperature Processing Properties	185 °C Metric	365 °F English	Blown Film Coextrusion Comments
	210 °C	410 °F	Cast Film/Sheet Processing
Die Temperature	173 °C	343 °F	Blown Film Coextrusion
	210 °C	410 °F	Cast Film/Sheet Processing
Melt Temperature	160 - 185 °C	320 - 365 °F	Blown Film Coextrusion
	185 - 235 °C	365 - 455 °F	Cast Film/Sheet Processing

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China