

## DuPont™ Appeel® 20D875 Ethylene Acrylate

Category : Polymer , Thermoplastic , Ethylene Acrylic Acid

### Material Notes:

Appeel® 20D875 is a modified ethylene acrylate resin designed to function as a sealing layer for lidding applications. It is most often suggested to provide strong peelable seals over a broad temperature range to a number of container materials including PP, PS, PET and PVC. Appeel® 20D875 is available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene resins. Appeel® 20D875 Lidding Sealant Resin complies with Food and Drug Administration Regulation 21 CFR 175.105 - - Adhesives. This Regulation describes adhesives that may be used as components of articles intended for use in packaging, transporting, or holding food, subject to the limitations and requirements therein.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Appeel-20D875-Ethylene-Acrylate.php](http://www.lookpolymers.com/polymer_DuPont-Appeel-20D875-Ethylene-Acrylate.php)

Physical Properties	Metric	English	Comments
Density	1.27 g/cc	0.0459 lb/in <sup>3</sup>	ASTM D792, ISO 1183
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 190 °C	12 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238, ISO 1133

Thermal Properties	Metric	English	Comments
Melting Point	98.0 °C	208 °F	ASTM D3418, ISO 3146
Vicat Softening Point	60.0 °C	140 °F	ASTM D1525, ISO 306

Processing Properties	Metric	English	Comments
Processing Temperature	<= 285 °C	<= 545 °F	
Feed Temperature	140 °C	284 °F	Blown Film Coextrusion
	180 °C	356 °F	Extrusion Coating
Zone 2	150 °C	302 °F	Blown Film Coextrusion
	230 °C	446 °F	Extrusion Coating
Zone 3	160 °C	320 °F	Blown Film Coextrusion
	260 °C	500 °F	Extrusion Coating
Zone 4	180 °C	356 °F	Blown Film Coextrusion
	270 °C	518 °F	Extrusion Coating
Zone 5	180 °C	356 °F	Blown Film Coextrusion

Processing Properties	270 °C Metric	518 °F English	Extrusion Coating Comments
Adapter Temperature	180 °C	356 °F	Blown Film Coextrusion
	270 °C	518 °F	Extrusion Coating
Die Temperature	170 °C	338 °F	Blown Film Coextrusion
	270 °C	518 °F	Extrusion Coating
Melt Temperature	150 - 190 °C	302 - 374 °F	Blown Film Coextrusion
	235 - 270 °C	455 - 518 °F	Extrusion Coating
Dry Time	5.00 hour @Temperature 55.0 °C	5.00 hour @Temperature 131 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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