

## DuPont™ Appeel® 20D828 Ethylene Acrylate

Category : Polymer , Thermoplastic , Ethylene Acrylic Acid

### Material Notes:

Appeel® 20D828 is an 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, PP, PVC, Aclar®, Barex®, and certain epoxy coatings. Appeel® 20D828 is available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene resins. Appeel® 20D828 Lidding Sealant Resin complies with Food and Drug Administration Regulation 21 CFR 175.320 – Resinous and polymeric coatings for polyolefin films, subject to the limitations and requirements therein. This regulation describes resinous and polymeric coatings for polyolefin films that may be used in contact with food under Conditions of Use C through H (as described in Table 2 of 21 CFR 176.170(c), 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-20D828-Ethylene-Acrylate.php](http://www.lookpolymers.com/polymer_DuPont-Appeel-20D828-Ethylene-Acrylate.php)

Physical Properties	Metric	English	Comments
Density	1.02 g/cc	0.0368 lb/in³	ASTM D792, ISO 1183
Melt Flow	13 g/10 min @Load 2.16 kg, Temperature 190 °C	13 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238, ISO 1133

Thermal Properties	Metric	English	Comments
Melting Point	97.0 °C	207 °F	ASTM D3418, ISO 3146
Vicat Softening Point	58.0 °C	136 °F	ASTM D1525, ISO 306

Processing Properties	Metric	English	Comments
Processing Temperature	<= 240 °C	<= 464 °F	
Feed Temperature	140 °C	284 °F	Blown Film Coextrusion
	160 °C	320 °F	Extrusion Coating
Zone 2	150 °C	302 °F	Blown Film Coextrusion
	185 °C	365 °F	Extrusion Coating
Zone 3	160 °C	320 °F	Blown Film Coextrusion
	210 °C	410 °F	Extrusion Coating
Zone 4	180 °C	356 °F	Blown Film Coextrusion
	235 °C	455 °F	Extrusion Coating

Processing Properties	Metric	English	Comments
	235 °C	455 °F	Extrusion Coating
Adapter Temperature	180 °C	356 °F	Blown Film Coextrusion
	235 °C	455 °F	Extrusion Coating
Die Temperature	170 °C	338 °F	Blown Film Coextrusion
	235 °C	455 °F	Extrusion Coating
Melt Temperature	150 - 190 °C	302 - 374 °F	Blown Film Coextrusion
	180 - 240 °C	356 - 464 °F	Extrusion Coating
Dry Time	5.00 hour	5.00 hour	
	@Temperature 55.0 °C	@Temperature 131 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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