

DuPont™ Nucrel® 3990L Ethylene Acrylic Acid

Category : Polymer , Thermoplastic , Ethylene Acrylic Acid

Material Notes:

Nucrel® 3990L is a copolymer of ethylene and acrylic acid. It is available for use in conventional extrusion coating, coextrusion coating and extrusion laminating equipment. 9.5 % By Weight Acrylic Acid comonomer content This is a version of Nucrel® 3990 that has been further devolatilized for very sensitive applications. Nucrel® 3990L conforms to the U.S. Code of Federal Regulations, Title 21, Paragraph 177.1310 covering its use as a food contact surface subject to the extractives limitations on the finished food contact article as described in the regulation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Nucrel-3990L-Ethylene-Acrylic-Acid.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	ASTM D792, ISO 1183
Melt Flow	10 g/10 min @Load 2.16 kg, Temperature 190 °C	10 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238, ISO 1133

Thermal Properties	Metric	English	Comments
Melting Point	78.0 °C	172 °F	Freezing Point; ASTM D3418, ISO 3146
	97.0 °C	207 °F	ASTM D3418, ISO 3146
Vicat Softening Point	79.0 °C	174 °F	ASTM D1525, ISO 306

Processing Properties	Metric	English	Comments
Processing Temperature	<= 310 °C	<= 590 °F	
Feed Temperature	185 °C	365 °F	Extrusion Coating
Zone 2	235 °C	455 °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	235 - 305 °C	455 - 581 °F	Extrusion Coating

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