

DuPont™ Elvax® 3178Z Ethylene Vinyl Acetate

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate Copolymer (EVA), Extrusion/Coating Grade

Material Notes:

DuPont™ Elvax® 3178Z is an extrudable ethylene-vinyl acetate copolymer resin available in pellet form for use in conventional extrusion equipment designed to process polyethylene resins. ELVAX® 3178Z EVA Resin complies with Food and Drug Administration Regulation 21 CFR 177.1350(a)(1) - - Ethylene-vinyl acetate copolymers, 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 (b)(1) of the Regulation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Elvax-3178Z-Ethylene-Vinyl-Acetate.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	ASTM D792, ISO 1183
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 190 °C	20 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238, ISO 1133

Thermal Properties	Metric	English	Comments
Melting Point	57.0 °C	135 °F	Freezing Point; ASTM D3418
	81.0 °C	178 °F	ASTM D3418, ISO 3146
Vicat Softening Point	50.0 °C	122 °F	ASTM D1525, ISO 306

Processing Properties	Metric	English	Comments
Processing Temperature	<= 230 °C	<= 446 °F	
Melt Temperature	175 - 230 °C	347 - 446 °F	Extrusion Coating

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