

DuPont™ Elvax® 3128-1 Ethylene Vinyl Acetate

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

Material Notes:

DuPont™ Elvax® 3128-1 is an extrudable ethylene-vinyl acetate copolymer resin available in pellet form for use in conventional extrusion equipment designed to process polyethylene resins. ELVAX® 3128-1 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-3128-1-Ethylene-Vinyl-Acetate.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in ³	ASTM D792, ISO 1183
Melt Flow	2.0 g/10 min	2.0 g/10 min	ASTM D1238, ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Thermal Properties	Metric	English	Comments
Melting Point	83.0 °C	181 °F	Freezing Point; ASTM D3418, ISO 3146
	99.0 °C	210 °F	ASTM D3418, ISO 3146
Vicat Softening Point	77.0 °C	171 °F	ASTM D1525, ISO 306

Processing Properties	Metric	English	Comments
Processing Temperature	<= 235 °C	<= 455 °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

Processing Properties	Metric	English	Comments
	210 °C	410 °F	Cast Film/Sheet Processing
Adapter Temperature	185 °C	365 °F	Blown Film Coextrusion
	210 °C	410 °F	Cast Film/Sheet Processing
Die Temperature	185 °C	365 °F	Blown Film Coextrusion
	210 °C	410 °F	Cast Film/Sheet Processing

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