

DuPont Elvax® 3180Z Ethylene Vinyl Acetate

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

DuPont™ Elvax® 3180Z is an extrudable ethylene-vinyl acetate copolymer resin available in pellet form for use in conventional extrusion equipment designed to process polyethylene resins. Applications: This resin is designed to provide a low temperature heat seal to itself or many other materials commonly used in flexible packaging applications. The melt properties of this resin allow it to be processed on blown film equipment over a wide range of film thickness and blow-up ratios. It can also be coextruded with a variety of other polymers. This resin is typically used as low temperature seal layer in coextruded films. Information provided by DuPont™

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Elvax-3180Z-Ethylene-Vinyl-Acetate.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in ³	ASTM D792, ISO 1183
Vinyl Acetate Content	28 %	28 %	
Melt Flow	25 g/10 min @Load 2.16 kg, Temperature 190 °C	25 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238, ISO 1133

Thermal Properties	Metric	English	Comments
Melting Point	45.0 °C	113 °F	Freezing Point; ASTM D3417
	70.0 °C	158 °F	ASTM D3417
Vicat Softening Point	43.0 °C	109 °F	ASTM D1525, ISO 306

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