

DuPont Elvax® 3175 Ethylene-Vinyl Acetate Copolymer Resin for Coextrusion

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

Material Notes:

28 wt% Vinyl Acetate. Elvax® 3175 is an extrudable ethylene-vinyl acetate copolymer resin available in pellet form for use in conventional extrusion equipment designed to process polyethylene resins. Additives: Antioxidant. Application Elvax® 3175 is designed to provide a low temperature heat seal to itself or many other materials commonly used in flexible packaging applications. Elvax® 3175 is also available in a "Low Gel" version (Elvax® 3175LG) for applications requiring superior film quality. The melt properties of this resin allow it to be processed on blown or cast coextrusion film equipment over a wide range of line speeds and film thicknesses. It can be coextruded with a variety of other polymers. Elvax® 3175 is typically used as a low temperature seal layer in coextruded film. Information provided by DuPont Packaging Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Elvax-3175-Ethylene-Vinyl-Acetate-Copolymer-Resin-for-Coextrusion.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in ³	ASTM D792
Melt Flow	6.0 g/10 min	6.0 g/10 min	Condition not noted.; ASTM D1238

Thermal Properties	Metric	English	Comments
Melting Point	48.0 °C	118 °F	Freezing Point via DSC/ASTM D3418
	73.0 °C	163 °F	Upon Melting via DSC/ASTM D3418
Vicat Softening Point	47.0 °C	117 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Melt Temperature	175 - 215 °C	347 - 419 °F	

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