

DuPont Elvax® 3124 Ethylene-Vinyl Acetate Copolymer Resin for Extrusion Coating

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

Material Notes:

9 wt% Vinyl Acetate. Elvax® 3124 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 Applications: Elvax® 3124 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 extrusion coating equipment over a wide range of line speeds and coating thicknesses. It can also be coextrusion coated with a variety of other polymers. Information provided by DuPont Packaging Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Elvax-3124-Ethylene-Vinyl-Acetate-Copolymer-Resin-for-Extrusion-Coating.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in ³	ASTM D792
Melt Flow	7.0 g/10 min	7.0 g/10 min	Condition not noted.; ASTM D1238

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.34	0.34	coating/metal; ASTM D1894
	0.66	0.66	coating/coating; ASTM D1894

Thermal Properties	Metric	English	Comments
Melting Point	79.0 °C	174 °F	Freezing Point via DSC/ASTM D3418
	98.0 °C	208 °F	Upon Melting via DSC/ASTM D3418
Vicat Softening Point	77.0 °C	171 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Melt Temperature	200 - 230 °C	392 - 446 °F	

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