

DuPont Elvax® 3129 Ethylene-Vinyl Acetate Copolymer Resin for Blown Film (discontinued **)

Category : Polymer , Film , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate Copolymer (EVA), Film Grade

Material Notes:

10 wt% Vinyl Acetate. General Elvax® information: Elvax® packaging grade resins include low seal temperatures for use in coextrusions or for packaging temperature sensitive materials, excellent drawability for easy processing, good flex-crack resistance for liquid packaging, high toughness, low shrink for water bath applications, and excellent optical properties. It adheres to many materials. It is commonly used as a tie layer in certain coextrusions with dissimilar surfaces. Information provided by DuPont Packaging Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Elvax-3129-Ethylene-Vinyl-Acetate-Copolymer-Resin-for-Blown-Film-nbspdiscontinued.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in ³	ASTM D792
Melt Flow	0.35 g/10 min	0.35 g/10 min	Condition not noted.; ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	620 %	620 %	MD-TD Average; ASTM D882
Film Elongation at Break, TD	620 %	620 %	MD-TD Average; ASTM D882
Impact	36.9	36.9	J/mm Spencer Impact; Average of MD and TD; ASTM D3420
Elmendorf Tear Strength, MD	1.77 g/micron	45.0 g/mil	Average of MD and TD; ASTM D1922
Film Tensile Strength at Break, MD	33.7 MPa	4890 psi	MD-TD Average; ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	82.0 °C	180 °F	Freezing Point via DSC/ASTM D3418
	100 °C	212 °F	Upon Melting via DSC/ASTM D3418
Vicat Softening Point	87.0 °C	189 °F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	2.0 %	2.0 %	ASTM D1003
Gloss	121 %	121 %	20°; ASTM D2457

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