

Westlake Elevate™ EF545 4% Ethylene Vinyl Acetate Copolymer

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Westlake EF545 resin is a 4% EVA copolymer designed for films that require excellent optical and strength properties. This Kosher compliant resin has excellent heat sealing characteristics and low temperature brittleness properties. Application/Uses High clarity packaging Light and medium duty produce bags Linear blend component for sealing and clarity FDA: This material complies with FDA regulations in 21 CFR, section 177.1350. Kosher Compliant. All information provided by Westlake Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_Westlake-Elevate-EF545-4-Ethylene-Vinyl-Acetate-Copolymer.php

Physical Properties	Metric	English	Comments
Vinyl Acetate Content	4.0 %	4.0 %	
Thickness	31.8 microns	1.25 mil	
Melt Flow	0.55 g/10 min	0.55 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	225 %	225 %	ASTM D882
Film Elongation at Break, TD	600 %	600 %	ASTM D882
Dart Drop Test	160 g	0.353 lb	ASTM D1709
Film Tensile Strength at Break, MD	22.8 MPa	3300 psi	ASTM D882
Film Tensile Strength at Break, TD	17.9 MPa	2600 psi	ASTM D882
1% Secant Modulus, MD	172 MPa	25000 psi	ASTM D882
1% Secant Modulus, TD	207 MPa	30000 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	13 %	13 %	ASTM D1003
Gloss	50 %	50 %	at 45°; ASTM D2457

Processing Properties	Metric	English	Comments
Melt Temperature	182 - 199 °C	360 - 390 °F	with BUR of 1.5:1 or higher
Blow-up Ratio (BUR)	2.5	2.5	

Descriptive Properties	Value	Comments
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Descriptive Properties	Film Value	Comments
Region	US & Canada	Bamberger Polymers Distribution

Contact Songhan Plastic Technology Co.,Ltd.

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