

Westlake Elevate™ EF561 6.5% Ethylene Vinyl Acetate Copolymer

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Westlake EF 561 resin is a fractional melt index 6.5% EVA copolymer designed for ice bags, frozen food bags, and other films that require excellent toughness and good heat sealing characteristics. This Kosher compliant resin has excellent low temperature brittleness properties. Application/Uses Frozen food packaging Fresh food packaging Ice bags Heavy duty produce bags 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-EF561-65-Ethylene-Vinyl-Acetate-Copolymer.php

Physical Properties	Metric	English	Comments
Vinyl Acetate Content	6.5 %	6.5 %	
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	380 %	380 %	ASTM D882
Film Elongation at Break, TD	550 %	550 %	ASTM D882
Dart Drop	18.9 g/micron	480 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	24.1 MPa	3500 psi	ASTM D882
Film Tensile Strength at Break, TD	25.5 MPa	3700 psi	ASTM D882
1% Secant Modulus, MD	103 MPa	15000 psi	ASTM D882
1% Secant Modulus, TD	110 MPa	16000 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	4.8 %	4.8 %	ASTM D1003
Gloss	74 %	74 %	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

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