

Westlake EF528 18.5% Ethylene Vinyl Acetate Copolymer

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Westlake ELEVATE™ EF528 is an ethylene vinyl acetate copolymer with 18.5% VA. EF528 is designed for blown and cast films requiring excellent optics and low heat seal initiation. High melt strength makes DA528 an excellent choice for profile extrusions, molding, and foaming applications requiring high VA content. Application/Uses Flexible packaging films Peelable seals, adhesive layers Injection and blow molding Hot melt adhesives and blends Profile extrusions, tubing, wire & cable

Order this product through the following link:

http://www.lookpolymers.com/polymer_Westlake-EF528-185-Ethylene-Vinyl-Acetate-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	D1505
Vinyl Acetate Content	18.5 %	18.5 %	
Thickness	38.1 microns	1.50 mil	Thickness Tested
Melt Flow	2.5 g/10 min	2.5 g/10 min	D1238

Mechanical Properties	Metric	English	Comments
Dart Drop Test	10.2 g	0.0225 lb	D1709
	390 g	0.860 lb	D1709
Film Tensile Strength at Break, MD	24.8 MPa	3600 psi	D638
Film Tensile Strength at Break, TD	24.1 MPa	3500 psi	D638
1% Secant Modulus, MD	42.1 MPa	6110 psi	D882
1% Secant Modulus, TD	50.3 MPa	7300 psi	D882

Thermal Properties	Metric	English	Comments
Melting Point	85.0 °C	185 °F	DSC Peak; D33418

Optical Properties	Metric	English	Comments
Haze	3.5 %	3.5 %	D1003
Gloss	82 %	82 %	at 45; D2457

Processing Properties	Metric	English	Comments
Melt Temperature	193 °C	379 °F	Blown Film

Processing Properties	210 °C Metric	410 °F English	Cast Film Comments
Blow-up Ratio (BUR)	2.5	2.5	

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

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