

Westlake Elevate™ DA528AA 18.5% Ethylene Vinyl Acetate Copolymer

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Westlake ELEVATE™ DA528 is an ethylene vinyl acetate copolymer with 18.5% VA. DA528 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 FDA: This material complies with FDA regulations in 21 CFR, section 177.1350. All information provided by Westlake Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_Westlake-Elevate-DA528AA-185-Ethylene-Vinyl-Acetate-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	ASTM 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	ASTM D1238

Mechanical Properties	Metric	English	Comments
Dart Drop	10.2 g/micron	260 g/mil	ASTM D1709
Dart Drop Test	390 g	0.860 lb	ASTM D1709
Film Tensile Strength at Break, MD	24.8 MPa	3600 psi	ASTM D638
Film Tensile Strength at Break, TD	24.1 MPa	3500 psi	ASTM D638
1% Secant Modulus, MD	42.1 MPa	6100 psi	ASTM D882
1% Secant Modulus, TD	50.3 MPa	7300 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	85.0 °C	185 °F	DSC Peak; ASTM D3418

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

Processing Properties	Metric	English	Comments
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Melt Temperature Processing Properties	≤ 193 °C Metric	≤ 379 °F English	Blown Film Comments
	≤ 210 °C	≤ 410 °F	Cast Film
Blow-up Ratio (BUR)	2.5	2.5	

Descriptive Properties	Value	Comments
Process	Film	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China