

Westlake Elevate™ DA528AA Ethylene Vinyl Acetate Copolymer

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Developmental ProductDescription: 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 filmsPeelable seals, adhesive layersInjection and blow moldingHot melt adhesives and blendsProfile extrusions, tubing, wire & cableInformation provided by Westlake Chemical

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	ASTM D1505
Melt Flow	2.5 g/10 min	2.5 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Dart Drop Test	390 g	0.860 lb	ASTM D1709
Film Tensile Strength at Break, MD	24.8 MPa	3600 psi	ASTM D882
Film Tensile Strength at Break, TD	24.1 MPa	3500 psi	ASTM D882
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	Peak, by DSC; ASTM D3418
Flash Point	>= 343 °C	>= 649 °F	ASTM E136

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

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