

Westlake Mxsten CV77518 Polyethylene Plastomer

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Mxsten CV Plastomer CV77518 resin is a polyethylene plastomer designed for blown and cast film extrusion that contains no slip and no antiblock additives. Films produced with this resin exhibit a very low seal initiation temperature with a broad hot tack window. Other features of this resin include higher stiffness and high melting point. Application/Uses Blown film Cast film Packaging FDA: This material complies with FDA regulations in 21 CFR, section 177.1520. Kosher Compliant. All information provided by Westlake Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_Westlake-Mxsten-CV77518-Polyethylene-Plastomer.php

Physical Properties	Metric	English	Comments
Density	0.910 g/cc	0.0329 lb/in ³	ASTM D1505
Thickness	25.4 microns	1.00 mil	
Melt Flow	2.0 g/10 min	2.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	700 %	700 %	ASTM D882
Film Elongation at Break, TD	1200 %	1200 %	ASTM D882
Elmendorf Tear Strength MD	300 g	300 g	ASTM D1922
Elmendorf Tear Strength TD	550 g	550 g	ASTM D1922
Dart Drop	15.7 g/micron	400 g/mil	ASTM D1709A
Film Tensile Strength at Break, MD	35.2 MPa	5100 psi	ASTM D882
Film Tensile Strength at Break, TD	40.0 MPa	5800 psi	ASTM D882
1% Secant Modulus, MD	152 MPa	22000 psi	ASTM D882
1% Secant Modulus, TD	172 MPa	25000 psi	ASTM D882
Heat Seal Strength Initiation Temperature	88.0 °C	190 °F	Westlake

Optical Properties	Metric	English	Comments
Haze	13 %	13 %	ASTM D1003
Gloss	55 %	55 %	at 45°; ASTM D2457

Processing Properties	Metric	English	Comments
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Melt Temperature Processing Properties	216 - 232 °C Metric	420 - 450 °F English	Comments
Blow-up Ratio (BUR)	2.4	2.4	

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

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