

Westlake LF1050 Butene Linear Low Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE

Material Notes:

Westlake LF1050 is a butene LLDPE with high stiffness suitable for cast film extrusion. This material can be used at 100% or as blending stock with LDPE or MDPE. Application/Uses Cast film extrusion Profile cast film Blend resin for GP 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-LF1050-Butene-Linear-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in ³	ASTM D1505
Thickness	25.4 microns	1.00 mil	
Melt Flow	3.5 g/10 min	3.5 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	11.7 MPa	1700 psi	ASTM D882
Film Tensile Strength at Yield, TD	12.4 MPa	1800 psi	ASTM D882
Film Elongation at Break, MD	700 %	700 %	ASTM D882
Film Elongation at Break, TD	800 %	800 %	ASTM D882
Elmendorf Tear Strength MD	60 g	60 g	ASTM D882
Elmendorf Tear Strength TD	300 g	300 g	ASTM D882
Dart Drop	3.54 g/micron	90.0 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	32.4 MPa	4700 psi	ASTM D882
Film Tensile Strength at Break, TD	21.4 MPa	3100 psi	ASTM D882
1% Secant Modulus, MD	214 MPa	31000 psi	ASTM D882
1% Secant Modulus, TD	248 MPa	36000 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	2.0 %	2.0 %	ASTM D1003
Gloss	90 %	90 %	at 45°; ASTM D2457

Processing Properties	Metric	English	Comments
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Melt Temperature Processing Properties	260 - 288 °C Metric	500 - 550 °F English	Comments
Descriptive Properties	Value	Comments	
Process	Film		
Region	US & Canada	Bamberger Polymers Distribution	

Contact Songhan Plastic Technology Co.,Ltd.

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