

Westlake LF1040 Butene Linear Low Density Polyethylene

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

Material Notes:

Westlake LF1040 is a butene LLDPE resin with excellent mechanical and sealing properties. It can be used in stretch film and can liner applications, and is suitable for blending with LDPE in packaging applications. Application/Uses: Blend stock, Food packaging, Stretch wrap. 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-LF1040-Butene-Linear-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.919 g/cc	0.0332 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	900 %	900 %	ASTM D882
Dart Drop	4.33 g/micron	110 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	27.6 MPa	4000 psi	ASTM D882
Film Tensile Strength at Break, TD	21.4 MPa	3100 psi	ASTM D882
1% Secant Modulus, MD	193 MPa	28000 psi	ASTM D882
1% Secant Modulus, TD	214 MPa	31000 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	13 %	13 %	ASTM D1003

Processing Properties	Metric	English	Comments
Melt Temperature	204 - 216 °C	400 - 420 °F	
Blow-up Ratio (BUR)	2.5	2.5	

Descriptive Properties	Value	Comments
Process	Film	

Region
Descriptive Properties

US & Canada
Value

Bamberger
Comments Polymers Distribution

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