

Westlake LF1020 Butene Linear Low Density Polyethylene

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

Material Notes:

Westlake LF1020 is a butene LLDPE with excellent mechanical and downgauging advantages. It is suitable for can liners, stretch wrap, agricultural film, and blending with LDPE. This Kosher compliant product is available with various slip and antiblock formulations.Application/UsesStretch wrapAgricultural filmsTrash bagsCo-extruded structuresFDA: 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-LF1020-Butene-Linear-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in³	ASTM D1505
Thickness	25.4 microns	1.00 mil	
Melt Flow	1.1 g/10 min	1.1 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	10.3 MPa	1500 psi	ASTM D882
Film Tensile Strength at Yield, TD	10.3 MPa	1500 psi	ASTM D882
Dart Drop	4.72 g/micron	120 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	35.9 MPa	5200 psi	ASTM D882
Film Tensile Strength at Break, TD	24.8 MPa	3600 psi	ASTM D882
1% Secant Modulus, MD	186 MPa	27000 psi	ASTM D882
1% Secant Modulus, TD	207 MPa	30000 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	15 %	15 %	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	US & Canada	Bamberg	Polymers Distribution
Descriptive Properties	Value	Comments	

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