Westlake LF2020 Hexene Linear Low Density Polyethylene

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

Material Notes:

Westlake LF2020 is a hexene LLDPE with excellent physical properties and heat sealing characteristics, which allow for down-gauging and blending with other materials. Typical applications include stretch films, heavy duty bags and sacks, agricultural films, and trash bags & liners. This Kosher compliant material is available with various slip and antiblock levels.Application/UsesBags and sacksAgricultural filmsTrash bags and linersCo-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-LF2020-Hexene-Linear-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.919 g/cc	0.0332 lb/in³	ASTM D1505
Thickness	25.4 microns	1.00 mil	
Melt Flow	1.0 g/10 min	1.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	670 %	670 %	ASTM D882
Film Elongation at Break, TD	900 %	900 %	ASTM D882
Dart Drop	8.66 g/micron	220 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	40.7 MPa	5900 psi	ASTM D882
Film Tensile Strength at Break, TD	28.3 MPa	4100 psi	ASTM D882
1% Secant Modulus, MD	207 MPa	30000 psi	ASTM D882
1% Secant Modulus, TD	248 MPa	36000 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

Descriptive Properties	Value	Comments
Region	US & Canada	Bamberger Polymers Distribution

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