

Westlake Hifor Xtreme SC74859 Linear Low Density Polyethylene

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

Material Notes:

WESTLAKE HIFOR Xtreme SC74859 polymer is a high strength linear low density polyethylene designed for blown film extrusion that contains no slip, high antiblock and high processing aid. Application/Uses Fresh produce 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-Hifor-Xtreme-SC74859-Linear-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.926 g/cc	0.0335 lb/in ³	ASTM D1505
Thickness	25.4 microns	1.00 mil	
Melt Flow	0.60 g/10 min	0.60 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	750 %	750 %	ASTM D882
Film Elongation at Break, TD	1150 %	1150 %	ASTM D882
Dart Drop	5.91 g/micron	150 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	61.4 MPa	8900 psi	ASTM D882
Film Tensile Strength at Break, TD	43.4 MPa	6300 psi	ASTM D882
1% Secant Modulus, MD	248 MPa	36000 psi	ASTM D882
1% Secant Modulus, TD	317 MPa	46000 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	17 %	17 %	ASTM D1003
Gloss	55 %	55 %	at 45°; ASTM D2457

Processing Properties	Metric	English	Comments
Melt Temperature	204 - 216 °C	400 - 420 °F	
Blow-up Ratio (BUR)	2.4	2.4	

Descriptive Properties	Value	Comments
Process	Blown Film	

Descriptive Properties	Value	Comments
Region	US & Canada	Bamberger Polymers Distribution

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