Westlake Hifor Xtreme SC74849 Linear Low Density Polyethylene

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

Material Notes:

WESTLAKE HIFOR Xtreme Polyethylene SC74849 is a high strength linear low density polyethylene designed for blown film extrusion. This resin contains no slip, no antiblock, and polymer processing aid. Films produced with this resin exhibit extreme toughness, with excellent gloss and clarity for a product of this density. Features of this resin include high stiffness and high ultimate tensile strength.Application/UsesFresh produce packagingBlends for GP clarity packagingFDA: This material complies with FDA regulations in 21 CFR, section 177.1520.All information provided by Westlake Chemical

Order this product through the following link:
http://www.lookpolymers.com/polymer_Westlake-Hifor-Xtreme-SC74849-Linear-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in³	ASTM D1505
Thickness	25.4 microns	1.00 mil	
Melt Flow	0.55 g/10 min	0.55 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	950 %	950 %	ASTM D882
Film Elongation at Break, TD	1000 %	1000 %	ASTM D882
Dart Drop	2.36 g/micron	60.0 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	50.3 MPa	7300 psi	ASTM D882
Film Tensile Strength at Break, TD	39.3 MPa	5700 psi	ASTM D882
1% Secant Modulus, MD	386 MPa	56000 psi	ASTM D882
1% Secant Modulus, TD	510 MPa	74000 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	6.5 %	6.5 %	ASTM D1003
Gloss	70 %	70 %	at 45°; ASTM D2457

Processing Properties	Metric	English	Comments
Blow-up Ratio (BUR)	2.4	2.4	

Descriptive Properties	Value	Comments

Descriptive Properties	Value	Comments
Process	Blown Film Film	
Region	US & Canada	Bamberger Polymers Distribution

Contact Songhan Plastic Technology Co.,Ltd.

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