

## Westlake Hifor Xtreme SC74836 Linear Low Density Polyethylene

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

**Material Notes:**

WESTLAKE HIFOR Xtreme Polyethylene SC74836 is a high strength linear low density polyethylene designed for blown film extrusion. This resin contains no slip, no antiblock and 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/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-SC74836-Linear-Low-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Westlake-Hifor-Xtreme-SC74836-Linear-Low-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.926 g/cc	0.0335 lb/in <sup>3</sup>	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	9.0 %	9.0 %	ASTM D1003
Gloss	60 %	60 %	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	
	Film	
Region	US & Canada	Bamberger Polymers Distribution

## Contact Songhan Plastic Technology Co.,Ltd.

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