

## Westlake Hifor Clear SC74580 Linear Low Density Polyethylene

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

### Material Notes:

WESTLAKE Hifor Clear Polyethylene SC74580 polymer is a high strength and high clarity linear low density polyethylene designed for blown film extrusion that contains no slip and no antiblock. It does contain processing aid. Blown films produced with this resin exhibit good toughness, with exceptional gloss and clarity for a product of this density, yet film blocking is substantially lower than one might expect. Film stiffness is also higher than one might expect for this density. It works well in many shrink film applications. Contact Westlake for further information on the regulatory status. Application/Uses Frozen food films High clarity bread bags ice bags 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-Clear-SC74580-Linear-Low-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Westlake-Hifor-Clear-SC74580-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	600 %	600 %	ASTM D882
Film Elongation at Break, TD	950 %	950 %	ASTM D882
Dart Drop	3.94 g/micron	100 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	56.5 MPa	8200 psi	ASTM D882
Film Tensile Strength at Break, TD	37.9 MPa	5500 psi	ASTM D882
1% Secant Modulus, MD	324 MPa	47000 psi	ASTM D882
1% Secant Modulus, TD	379 MPa	55000 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	4.0 %	4.0 %	ASTM D1003
Gloss	82 %	82 %	at 45°; ASTM D2457
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Processing Properties	Metric	English	Comments
Melt Temperature	204 - 216 °C	400 - 420 °F	

Processing Properties	Metric	English	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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