

HIFOR Xtreme® SC74870

Linear Low Density Polyethylene
Westlake Chemical Corporation

Message:

WESTLAKE HIFOR Xtreme SC74870 is a hexene LLDPE designed for blown film extrusion of heavy duty shipping sacks and films. This material contains low slip, very high anti-block, and process aid.

Application/Uses

Blown film extrusion

Heavy Duty Sacks and Films

General Information			
Additive	Low smoothness		
	High caking resistance		
	Processing aid		
Features	Kosher certification		
	Low smoothness		
	High caking resistance		
	hexene comonomer		
Uses	Blown Film		
	Films		
	Heavy packing bag		
Agency Ratings	FDA not rated		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Density	0.915	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.75	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	
secant modulus			ASTM D882
1% secant, MD: 25 µm, blown film	172	MPa	ASTM D882
1% secant, TD: 25 µm, blown film	193	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Broken, 25 µm, blown film	52.4	MPa	ASTM D882
TD: Broken, 25 µm, blown film	34.5	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 25 µm, blown film	700	%	ASTM D882
TD: Broken, 25 µm, blown film	950	%	ASTM D882
Dart Drop Impact (25 µm, Blown Film)	750	g	ASTM D1709

Optical	Nominal Value	Unit	Test Method
Haze (25.4 μ m, Blown Film)	22	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	204 - 238	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

