HIFOR Xtreme® SC74884

Linear Low Density Polyethylene

Westlake Chemical Corporation

Message:

Westlake HIFOR Xtreme® SC74884 is an enhanced hexene LLDPE designed for blown film extrusion applications requiring high strength and toughness. Westlake HIFOR Xtreme® SC74884 contains no slip or anti-block. This material is highly stabilized and contains process aid.
Application/Uses
Blown film extrusion
Heavy Duty Films

General Information			
Additive	Processing aid		
Features	Kosher certification		
	High strength		
	hexene comonomer		
	Good toughness		
Uses	Blown Film		
	Films		
Agency Ratings	FDA not rated		
Processing Method	Blow film		

Physical	Nominal Value	Unit	Test Method
Density	0.915	g/cm³	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
Gloss (25.4 µm, Blown Film)	62		ASTM D2457
Haze (25.4 µm, Blown Film)	12	%	ASTM D1003

Extrusion	Nominal Value	Unit	

Melt Temperature	204 - 221	°C

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

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