HIFOR Xtreme® SC74877

Linear Low Density Polyethylene

Westlake Chemical Corporation

Message:

Westlake HIFOR Xtreme® SC74877 is an enhanced clarity hexene LLDPE designed for blown film extrusion applications requiring high strength and clarity. This material is highly stabilized, and contains medium anti-block and process aid.
Application/Uses
Blown film extrusion
Heavy Duty Films

General Information			
Additive	Processing aid Moderate caking resistance		
Features	Kosher certification High strength hexene comonomer Definition, high Moderate caking resistance		
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	193	MPa	ASTM D882
1% secant, TD: 25 µm, blown film	262	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Broken, 25 µm, blown film	50.3	MPa	ASTM D882
TD: Broken, 25 µm, blown film	33.1	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)	350	g	ASTM D1709
Optical	**Nominal Value**	**Unit**	**Test Method**

Gloss (25.4 µm, Blown Film)	78		ASTM D2457
Haze (25.4 µm, Blown Film)	10	%	ASTM D1003

Extrusion	Nominal Value	Unit
Melt Temperature	204 - 221	°C

Recommended distributors for this material

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