

# HIFOR Xtreme® SC74869

Linear Low Density Polyethylene

Westlake Chemical Corporation

Message:

WESTLAKE HIFOR Xtreme® SC74869 is a hexene LLDPE designed for blown film extrusion of can liners and heavy duty films. This material contains low slip, very high anti-block, and process aid for high speed extrusion.

Application/Uses

Blown film extrusion

Can Liners

General Information			
Additive	Low smoothness		
	High caking resistance		
	Processing aid		
Features	Low smoothness		
	High caking resistance		
	hexene comonomer		
Uses	Blown Film		
	Films		
	Lining		
Agency Ratings	FDA not rated		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.85	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	207	MPa	ASTM D882
1% secant, TD: 25 µm, blown film	241	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Broken, 25 µm, blown film	45.5	MPa	ASTM D882
TD: Broken, 25 µm, blown film	38.6	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 25 µm, blown film	650	%	ASTM D882
TD: Broken, 25 µm, blown film	900	%	ASTM D882
Dart Drop Impact (25 µm, Blown Film)	250	g	ASTM D1709
Optical	Nominal Value	Unit	Test Method

Haze (25.4 μm, Blown Film)	24	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	216 - 227	°C	

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