HIFOR Xtreme® SC74883

Linear Low Density Polyethylene

Westlake Chemical Corporation

Message:

WESTLAKE HIFOR Xtreme SC74883 polymer is a high strength and good clarity linear low density polyethylene
designed for blown film extrusion that contains no slip and no antiblock. Films produced with this resin exhibit balanced toughness. Other features of this resin include good clarity and machine direction tear resistance.
Application/Uses
Fresh produce packaging

General Information			
Features	Good Clarity Kosher certification Good tear strength Good toughness		
Uses	Blown Film Packaging Films Food packaging		
Agency Ratings	FDA not rated		
Processing Method	Blow film		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.917	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	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	200	MPa	ASTM D882
1% secant, TD: 25 µm, blown film	228	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Broken, 25 µm, blown film	50.3	MPa	ASTM D882
TD: Broken, 25 µm, blown film	39.3	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 25 µm, blown film	750	%	ASTM D882
TD: Broken, 25 µm, blown film	1000	%	ASTM D882
Dart Drop Impact (25 µm, Blown Film)	250	g	ASTM D1709
Optical	**Nominal Value**	**Unit**	**Test Method**
Gloss (25.4 µm, Blown Film)	60		ASTM D2457
Haze (25.4 µm, Blown Film)	8.0	%	ASTM D1003

Extrusion	Nominal Value	Unit
Melt Temperature	204 - 216	°C

Recommended distributors for this material

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