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			1071174000
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	МРа	ASTM D882
TD: Broken, 25 µm, blown film	39.3	МРа	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	

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