

# HIFOR Xtreme® SC74836

Linear Low Density Polyethylene

Westlake Chemical Corporation

## Message:

WESTLAKE HIFOR Xtreme Polyethylene SC74836 is a high strength linear low density polyethylene designed for blown film extrusion. This resin contains no slip, no antiblock and processing aid. Films produced with this resin exhibit extreme toughness, with excellent gloss and clarity for a product of this density. Features of this resin include high stiffness and high ultimate tensile strength.

General Information			
Features	High Gloss		
	High Stiffness		
	High Strength		
	High Tensile Strength		
	Medium Clarity		
	Ultra High Toughness		
Uses	Food Packaging		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.926	g/cm <sup>3</sup>	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.60	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	248	MPa	
1% Secant, TD	317	MPa	
Tensile Strength			ASTM D882
MD : Break	61.4	MPa	
TD : Break	43.4	MPa	
Tensile Elongation			ASTM D882
MD : Break	750	%	
TD : Break	1200	%	
Dart Drop Impact	150	g	ASTM D1709
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	60		ASTM D2457
Haze	9.0	%	ASTM D1003

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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

