

SureSpec LLSC6-010

Linear Low Density Polyethylene

Genesis Polymers

Message:

LLSC6-010 is an Ethylene-Hexene Copolymer certified prime g dorf tear strength. LLSC6-010 contains no slip and no antiblock. Maximum recommended film drawdown is 0.3 mil. LLSC6-010 complies with FDA regulation 21CFR 177.1520 (c) 3.2(a) and most international regulations concerning the use of Polyethylene in contact with food articles.

AVAILABLE ADDITIVES

B = Barefoot

A = 0 Slip/ High Antiblock

F = Full Additives

General Information			
Features	Copolymer		
	Food Contact Acceptable		
	Hexene Comonomer		
	Low Density		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.2a		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.917	g/cm ³	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	ASTM D882
Secant Modulus			
1% Secant, MD : 25 µm	193	MPa	
1% Secant, TD : 25 µm	207	MPa	ASTM D882
Tensile Strength			
MD : Yield,25 µm	11.0	MPa	
TD : Yield,25 µm	12.0	MPa	ASTM D882
MD : Break, 25 µm	55.0	MPa	
TD : Break, 25 µm	40.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 25 µm	650	%	
TD : Break, 25 µm	780	%	
Dart Drop Impact ¹ (25 µm)	480	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD : 25 µm	430	g	
TD : 25 µm	750	g	
Optical	Nominal Value	Unit	Test Method

Gloss (45°, 25.0 µm, Blown Film)	55		ASTM D2457
Haze (25.0 µm, Blown Film)	9.0	%	ASTM D1003
NOTE			
1.	F50		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

