

PrimaFlex® LB 1901

Linear Low Density Polyethylene

Plastic Solutions, Inc.

Message:

Description: LB 1901 is a butene copolymer LLDPE film resin.

Applications: Trash bags / Liners / Stretch Wrap / Blends

Features:

Excellent toughness and strength

FDA regulation 21 CFR 177.1520

General Information			
Features	Butene Comonomer		
	Copolymer		
	Good Strength		
	Good Toughness		
Uses	Bags		
	Blending		
	Film		
	Liners		
	Stretch Wrap		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.919	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
Secant Modulus			ASTM D882
1% Secant, MD	193	MPa	
1% Secant, TD	228	MPa	
Tensile Strength			ASTM D882
MD : Yield	49.0	MPa	
TD : Yield	33.8	MPa	
Tensile Elongation			ASTM D882
MD : Break	540	%	
TD : Break	830	%	
Dart Drop Impact ¹	100	g	ASTM D1709
Optical	Nominal Value	Unit	Test Method
Haze	11	%	ASTM D1003
NOTE			
1.	F50		

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