

# Osterlene® LLB0918SA

Linear Low Density Polyethylene

Osterman & Company

Message:

LLB0918 features high strength and toughness for a variety of applications such as trash bags, liners and general packaging applications. LLB0918 meets the requirements of the Food and Drug Administration, 21 CFR Section 177.1520. This regulation allows the use of this olefin polymer in "...articles or components of articles intended for use in contact with food." Specific limitations may apply. Contact your Osterman sales representative for more information.

General Information			
Additive	Moderate caking resistance		
	Moderate smoothness		
Features	High strength		
	Good toughness		
	Compliance of Food Exposure		
	Moderate caking resistance		
	Moderate smoothness		
Uses	Packaging		
	Lining		
	Bags		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.916	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.90	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus - 1% Secant, MD	179	MPa	ASTM D882
Tensile Strength - MD			ASTM D882
Yield	11.0	MPa	ASTM D882
Fracture	33.1	MPa	ASTM D882
Tensile Elongation - MD (Break)	600	%	ASTM D882
Dart Drop Impact <sup>1</sup>	140	g	ASTM D1709A
Elmendorf Tear Strength - MD	150	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	45		ASTM D2457
Haze	15	%	ASTM D1003
NOTE			
1.	F50		

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