

# Osterlene® LLDO-.9-918

Linear Low Density Polyethylene

Osterman & Company

## Message:

LLDO-.9-918 has features for easy processability, high toughness and strength and excellent seal properties.  
LLDB-.9-918 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.

General Information			
Features	Food Contact Acceptable		
	Good Toughness		
	High Strength		
Uses	Film		
	Non-specific Food Applications		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm <sup>3</sup>	ASTM D792
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 - 1% Secant, MD	175	MPa	ASTM D882
Tensile Strength - MD			ASTM D882
Yield	10.0	MPa	
Break	48.0	MPa	
Tensile Elongation - MD (Break)	480	%	ASTM D882
Dart Drop Impact <sup>1</sup>	270	g	ASTM D1709A
Elmendorf Tear Strength - MD	420	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	59		ASTM D2457
Haze	10	%	ASTM D1003
NOTE			
1.	F50		

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