

# Osterlene® LLDB-2-919

Linear Low Density Polyethylene

Osterman & Company

## Message:

LLDB-2-919 features a low gel level for applications such as cast stretch wrap and blending resin.  
LLDB-2-919 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	Low speed solidification crystal point		
	Butene comonomer		
	Compliance of Food Exposure		
Uses	Non-specific food applications		
	Mixing		
	Stretch winding		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.917	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus - 1% Secant, MD	155	MPa	ASTM D882
Tensile Strength - MD			ASTM D882
Yield	9.51	MPa	ASTM D882
Fracture	38.0	MPa	ASTM D882
Tensile Elongation - MD (Break)	430	%	ASTM D882
Dart Drop Impact <sup>1</sup>	55	g	ASTM D1709A
Elmendorf Tear Strength - MD	35	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	87		ASTM D2457
Haze	2.3	%	ASTM D1003
Additional Information			
Product LLDB-2-919: Slip - 0, Antiblock - 0Product LLDB-2-919-SMAM: Slip - Medium, Antiblock - MediumProduct LLDB-2-919-SHAH: Slip - High, Antiblock - High			
NOTE			
1.	F50		

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## 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



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