

Osterlene® LLDO-1.0-.920

Linear Low Density Polyethylene
Osterman & Company

Message:

LLDO-1.0-.920 has features for easy processability, high toughness and strength and excellent seal properties.
LLDB-1.0-.920 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	High strength		
	Workability, good		
	Good toughness		
	Compliance of Food Exposure		
	Octene comonomer		
Uses	Non-specific food applications		
	Seals		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.918	g/cm ³	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	ASTM D882
Fracture	48.0	MPa	ASTM D882
Tensile Elongation - MD (Break)	480	%	ASTM D882
Dart Drop Impact ¹	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
Additional Information			
Product LLDO-1-920: Slip - 0, Antiblock - 0Product LLDO-1-920-SA: Slip - Medium, Antiblock - Medium			
NOTE			
1.	F50		

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