

Osterlene® LD-3-931

Low Density Polyethylene

Osterman & Company

Message:

LD-3-931 is a series of homopolymer resins specifically designed for overwrap packaging.

LD-3-931 provides excellent optical properties and good stiffness for improved machineability.

LD-3-931 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 Stiffness		
	Machinable		
	Opticals		
Uses	Non-specific Food Applications		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.931	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus - 1% Secant, MD	262	MPa	ASTM D882
Tensile Strength - MD (Break)	21.4	MPa	ASTM D882
Tensile Elongation - MD (Yield)	450	%	ASTM D882
Dart Drop Impact ¹	80	g	ASTM D1709
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	77		ASTM D2457
Haze	4.4	%	ASTM D1003
NOTE			
1.	F50		

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