Osterlene® LD-2-925

Low Density Polyethylene

Osterman & Company

Message:

LD-2-925 is a film grade resin that exhibits excellent optics, good gloss and good bubble stability. A typical application for this resin is high clarity packaging.
LD-2-925 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	Optical Gloss, Medium Definition, high Compliance of Food Exposure		
Uses	Packaging Non-specific food applications Food packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Particle		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.925	g/cm³	ASTM D1505
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	214	MPa	ASTM D882
Tensile Strength - MD			ASTM D882
Yield	10.3	MPa	ASTM D882
Fracture	23.4	MPa	ASTM D882
Tensile Elongation - MD (Break)	250	%	ASTM D882
Dart Drop Impact (23°C)	55	g	ASTM D1709
Elmendorf Tear Strength - MD	140	g	ASTM D1922
Optical	**Nominal Value**	**Unit**	**Test Method**
Gloss (60°)	95		ASTM D2457
Haze	5.5	%	ASTM D1003
Additional Information			
The value shown as Secant Modulus, ASTM D882, was tested in accordance with ASTM E111.The value shown as Density, ASTM D1505, was tested in accordance with ASTM D1558.Product LD-2-925-SHAL: Slip - High, Antiblock(ppm) - LowProduct LD-2-925-AM: Slip - None, Antiblock(ppm) - Medium			
Injection	**Nominal Value**	**Unit**	
Melt Temperature (Aim)	160	°C	

Recommended distributors for this material

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