

PrimaFlex® LD 21020

Low Density Polyethylene

Plastic Solutions, Inc.

Message:

Description: LD 21020 is a LDPE formulation suggested for injection molding applications.

Applications: Container closures / Food packaging / Cosmetics/personal care packaging

Features:

Excellent gloss, clarity, and warpage resistance

Good processability on automatic molding equipment

Complies with FDA 21 CFR 177.1520

General Information			
Features	Good Processability		
	High Clarity		
	High Gloss		
	Low Warpage		
Uses	Closures		
	Cosmetic Packaging		
	Food Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	8.27	MPa	ASTM D638
Tensile Elongation (Break)	90	%	ASTM D638
Flexural Modulus - 2% Secant	228	MPa	ASTM D790

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