

MARPOL® LDM 720

Low Density Polyethylene

Marco Polo International, Inc.

Message:

Recommended Applications

Cosmetics packaging, personal care packaging, container closures, food packaging, furniture and furniture trim, lids, medical items, toys, and sporting goods.

Description

MARPOL® LDM 720 is a low density polyethylene resin designed for injection molding. This resin is easily processes on automatic molding equipment and produces items with excellent gloss, clarity, and warpage resistance.

General Information			
Features	Food Contact Acceptable		
	High Clarity		
	High Gloss		
	Warp Resistant		
Uses	Closures		
	Cosmetic Packaging		
	Food Packaging		
	Furniture		
	Lids		
	Medical/Healthcare Applications		
	Packaging		
	Sporting Goods		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1a		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	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	228	MPa	ASTM D790

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Recommended distributors for this material

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