

MARPOL® LDM 725

Low Density Polyethylene

Marco Polo International, Inc.

Message:

MARPOL® LDM 725 is a low density polyethylene resin engineered for good flexibility, excellent flow and good warpage resistance.

Recommended Applications

Housewares, personal care products and luggage handles

General Information			
Features	Low density		
	Bending resistance		
	Good liquidity		
	Good flexibility		
Uses	Personal care		
	Household goods		
	Leather case		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	25	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	51		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	11.7	MPa	ASTM D638
Tensile Elongation (Break)	150	%	ASTM D638
Flexural Modulus - 1% Secant	331	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-32.2	°C	ASTM D746
Vicat Softening Temperature	91.7	°C	ASTM D1525

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