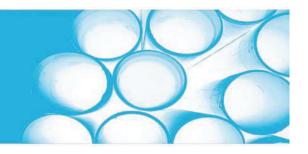


## MARPOL LDM 740S Low Density Polyethylene



# **General Information**

MARPOL LDM 740S is a high melt index, low density polyethylene resin engineered for injection molding and compounding applications that require high flow. This is an ideal resin for tear-to-top closures.

### General

#### Applications

Caps
Closures
Masterbatch
Features
High flow
Low density
Slip

### **Processing Method**

Compounding
Injection molding

## ASTM & ISO Properties<sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Melt Flow Rate (230oC/2.16 kg)	40	g/10 min	ASTM D1238
Density	0.922	g/cm³	ASTM D1505
Mechanical	Nominal Value	Unit	Test Method
Mechanical Tensile Strength at Yield	Nominal Value 13.8	Unit MPa	Test Method ASTM D638

**Notes:** <sup>1</sup> Typical properties: there are not to be construed as specifications.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.



MARCO POLO

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Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation at Break	110	%	ASTM D638
Flexural Modulus – 1% Secant	283	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Instrumented Dart Impact			ASTM D3763
•	21.7		ASTM DS/05
0 ° C	21.7	J	
23 °C	19.0	J	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	88		
Shore D	43		
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	86.1	°C	ASTM D1525

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