

MARPOL® LDM 760

Low Density Polyethylene
Marco Polo International, Inc.

Message:

Recommended Applications
Injection molding, compounding, and industrial coatings

Description
MARPOL® LDM 760 is a low density polyethylene resin designed for tubular processing. This resin offers an excellent balance of processability and end use performance.

General Information			
Features	Good Processability		
Uses	Coating Applications		
	Compounding		
	Industrial Applications		
Processing Method	Coating		
	Compounding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.5	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
MD	168	MPa	
TD	206	MPa	
Tensile Strength			ASTM D882
MD : Yield	6.89	MPa	
TD : Yield	6.89	MPa	
MD : Break	20.7	MPa	
TD : Break	20.7	MPa	
Tensile Elongation			ASTM D882
MD : Break	390	%	
TD : Break	690	%	
Dart Drop Impact	90	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	440	g	
TD	200	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	82		ASTM D2457

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Recommended distributors for this material

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