

MARPOL® LDF 700

Low Density Polyethylene

Marco Polo International, Inc.

Message:

MARPOL® LDF 700 is a Low Density Polyethylene product. It is available in Asia Pacific, Europe, Latin America, or North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.25	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal, F0)	168	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	42		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	9.65	MPa	
Break	17.9	MPa	
Tensile Elongation			ASTM D638
Yield	100	%	
Break	750	%	
Films	Nominal Value	Unit	Test Method
Tensile Strength - MD (Yield)	20.7	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD : Break	300	%	
TD : Break	450	%	
Dart Drop Impact ¹	220	g	ASTM D1709
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-75.0	°C	ASTM D882
NOTE			
1.	F50		

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Recommended distributors for this material

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