

MARPOL® LDF 770-SB

Low Density Polyethylene

Marco Polo International, Inc.

Message:

MARPOL® LDF 770-SB is a high melt index resin suggested for garment films, laundry and dry cleaning bags, or other applications requiring excellent draw down. This resin is an excellent choice for PE foam applications.

General Information			
Additive	High Antiblock		
	High Slip		
Features	Foamable		
	Good Drawdown		
	High Antiblocking		
	High Slip		
Uses	Bags		
	Film		
	Foam		
	Laundry Bags		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	138	MPa	
1% Secant, TD	152	MPa	
Tensile Strength			ASTM D882
MD : Break	20.7 to 23.4	MPa	
TD : Break	13.8 to 16.5	MPa	
Tensile Elongation			ASTM D882
MD : Break	250	%	
TD : Break	560 to 650	%	
Dart Drop Impact ¹	85 to 99	g	ASTM D1709
NOTE			
1.	F50		

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