

MARPOL® LDF 703-SB

Low Density Polyethylene

Marco Polo International, Inc.

Message:

MARPOL® LDF 703-SB is a general purpose clarity LDPE film resin. This resin exhibits good processability, drawdown and heat sealing.

Recommended Applications

Bakery bags, sandwich bags, zipper bags and cast film

General Information			
Additive	Anti-caking agent slip agent		
Features	Low density smoothness Anti-caking property Workability, good Heat sealable Good stripping		
Uses	Bags cast film		
Processing Method	cast film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.923	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.2	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction	< 0.30		ASTM D1894
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	165	MPa	ASTM D882
1% secant, TD	179	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	20.0	MPa	ASTM D882
TD: Yield	17.9	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	400	%	ASTM D882
TD: Fracture	550	%	ASTM D882
Dart Drop Impact	90	g	ASTM D1709A
Elmendorf Tear Strength - MD	230	g	ASTM D1922

Optical	Nominal Value	Unit	Test Method
Gloss (45°)	70		ASTM D2457
Haze	8.0	%	ASTM D1003

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Recommended distributors for this material

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