

MARPOL® LL4F 809-SB

Linear Low Density Polyethylene

Marco Polo International, Inc.

Message:

Description: MARPOL® LL4F 809-SB is a general-purpose film grade linear low density made using the BP Gas Phase Process™. The resin exhibits excellent toughness and strength when drawn down to thin gauges.
Recommended Applications: Blending resin, industrial packaging, co-extrusion, industrial liners, garment bags.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Butene Comonomer		
	Food Contact Acceptable		
	Good Strength		
	Good Toughness		
	Slip		
Uses	Bags		
	Blending		
	Film		
	General Purpose		
	Liners		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1a		
Processing Method	Coextrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.95	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Break	31.7	MPa	
TD : Break	24.1	MPa	
Tensile Elongation			ASTM D882
MD : Break	540	%	
TD : Break	800	%	
Dart Drop Impact	75	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922

MD	110	g	
TD	650	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	25		ASTM D523
Haze	22	%	ASTM D1003

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Recommended distributors for this material

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