

MARPOL® LL4F 808-SB

Linear Low Density Polyethylene

Marco Polo International, Inc.

Message:

Recommended Applications: Industrial packaging, heavy duty sacks, general purpose packaging and bags needing moderate clarity.

General Information			
Additive	Medium Antiblock		
	Medium Slip		
Features	Butene Comonomer		
	Medium Antiblocking		
	Medium Slip		
Uses	Bags		
	Heavy-duty Bags		
	Industrial Applications		
	Packaging		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.919	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.80	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	210	MPa	
1% Secant, TD	228	MPa	
Tensile Strength			ASTM D882
MD : Yield	9.65	MPa	
TD : Yield	11.0	MPa	
MD : Break	44.8	MPa	
TD : Break	33.1	MPa	
Tensile Elongation			ASTM D882
MD : Break	610	%	
TD : Break	870	%	
Dart Drop Impact	110	g	ASTM D1709A
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	57		ASTM D2457
Haze	12	%	ASTM D1003
Additional Information	Nominal Value	Unit	Test Method

Tear Strength		ASTM D1922
MD	38.6	kN/m
TD	154.4	kN/m

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Recommended distributors for this material

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