

MARPOL® mLLF 804

Metallocene Linear Low Density Polyethylene

Marco Polo International, Inc.

Message:

MARPOL® mLLF 804 is a pelletized LLDPE resin designed for use in cast film applications requiring maximum strength and toughness.

General Information			
Features	Good Toughness High Strength		
Uses	Cast Film Film		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1a		
Forms	Pellets		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	110	MPa	
1% Secant, TD	124	MPa	
Dart Drop Impact ¹	200	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	220	g	
TD	390	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	83		ASTM D2457
Haze	4.0	%	ASTM D1003
NOTE			
1.	F50		

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