

MARPOL® LL6F 803

Linear Low Density Polyethylene

Marco Polo International, Inc.

Message:

Description: MARPOL® LL6F 803 is a hexene LLDPE cast film resin with excellent tensile, stiffness and toughness properties. This resin also displays superior drawability and is versatile in packaging applications.

Recommended Applications

Packaging films, cast film and cast stretch film

General Information			
Features	Good Drawdown		
	Good Stiffness		
	Good Toughness		
	Hexene Comonomer		
	High Tensile Strength		
Uses	Cast Film		
	Film		
	Packaging		
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)	3.2	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	117	MPa	
1% Secant, TD	124	MPa	
Tensile Strength			ASTM D882
MD : Yield	6.89	MPa	
TD : Yield	6.76	MPa	
MD : Break	58.6	MPa	
TD : Break	36.5	MPa	
Tensile Elongation			ASTM D882
MD : Break	560	%	
TD : Break	830	%	
Dart Drop Impact	90	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	250	g	
TD	570	g	

Optical	Nominal Value	Unit	Test Method
Gloss (45°)	91		ASTM D2457
Haze	1.7	%	ASTM D1003

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Recommended distributors for this material

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