

MARPOL® LL6F 802

Linear Low Density Polyethylene

Marco Polo International, Inc.

Message:

Description: MARPOL® LL6F 802 is a hexene LLDPE resin with good stiffness at thin gauges, good drawdown and excellent processability. This resin is suitable for blown and cast film applications and for blends with LLDPE or HDPE.

Recommended Applications

Stretch wrap, overwrap, coextrusions, blown film and cast film

General Information			
Features	Good Drawdown		
	Good Processability		
	Good Stiffness		
	Hexene Comonomer		
Uses	Blending		
	Cast Film		
	Film		
	Stretch Wrap		
Processing Method	Blown Film		
	Cast Film		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction	> 1.0		ASTM D1894
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	200	MPa	
1% Secant, TD	214	MPa	
Tensile Strength			ASTM D882
MD : Break	42.7	MPa	
TD : Break	33.1	MPa	
Tensile Elongation			ASTM D882
MD : Break	580	%	
TD : Break	780	%	
Dart Drop Impact	140	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922

MD	300	g	
TD	550	g	
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	140		ASTM D2457
Haze	3.0	%	ASTM D1003

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