

MARPOL® LL6S 801

Linear Low Density Polyethylene

Marco Polo International, Inc.

Message:

Description: MARPOL® LL6S 801 is a linear low density polyethylene film resin. Films made from this Super Strength hexene copolymer exhibit excellent tear and impact strength.

Recommended Applications: Blown film extrusion and blown stretch wrap film

General Information			
Features	Copolymer		
	Good Impact Resistance		
	Good Tear Strength		
	Hexene Comonomer		
Uses	Film		
	Stretch Wrap		
Processing Method	Blown Film		
	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.917	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.90	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	165	MPa	
1% Secant, TD	186	MPa	
Tensile Strength			ASTM D882
MD : Yield	8.96	MPa	
TD : Yield	9.65	MPa	
MD : Break	62.7	MPa	
TD : Break	51.0	MPa	
Tensile Elongation			ASTM D882
MD : Break	630	%	
TD : Break	720	%	
Dart Drop Impact	330	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	460	g	
TD	600	g	
Optical	Nominal Value	Unit	Test Method

Gloss	37		ASTM D2457
Haze	17	%	ASTM D1003

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Recommended distributors for this material

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