

MARPOL® LL4F 802-G

Linear Low Density Polyethylene

Marco Polo International, Inc.

Message:

Description: LLDPE butene resin designed for blown film processing and compounding

Recommended Applications

Agricultural film, bag in box, blown film, cast film, food packaging, form fill packaging, seal packaging, freezer film, garment film, general packaging, industrial packaging, industrial can liners, mulch film, produce bags, shopping bags, trash can liners, film master-batches and compounds

General Information			
Features	Butene Comonomer		
Uses	Agricultural Applications		
	Bags		
	Cast Film		
	Compounding		
	Film		
	Food Packaging		
	Industrial Applications		
	Liners		
	Masterbatch		
	Packaging		
Forms	Granules		
Processing Method	Blown Film		
	Cast Film		
	Compounding		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	179	MPa	
1% Secant, TD	193	MPa	
Tensile Strength			ASTM D882
MD : Yield	8.27	MPa	
TD : Yield	8.27	MPa	
MD : Break	36.5	MPa	
TD : Break	26.2	MPa	
Tensile Elongation			ASTM D882

MD : Break	660	%	
TD : Break	780	%	
Dart Drop Impact	70	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	120	g	
TD	340	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	22		ASTM D2457
Haze	29	%	ASTM D1003

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Recommended distributors for this material

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