

MARPOL® LL6F 808-H

Linear Low Density Polyethylene

Marco Polo International, Inc.

Message:

MARPOL® LL6F 808-H is a hexene LLDPE film resin with excellent tensile, stiffness and toughness properties. This resin also displays superior drawdown and is versatile in packaging applications.

Recommended Applications

Heavy duty and merchandise bags, freezer film and grocery sacks

General Information			
Features	High Toughness		
	Low density		
	Rigidity, high		
	hexene comonomer		
	Good stripping		
Uses	Films		
	Bags		
	Heavy packing bag		
Physical	Nominal Value	Unit	Test Method
Density	0.926	g/cm ³	
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.80	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	234	MPa	ASTM D882
1% secant, TD	283	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	11.7	MPa	ASTM D882
TD: Yield	13.8	MPa	ASTM D882
MD: Fracture	61.4	MPa	ASTM D882
TD: Fracture	48.3	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	510	%	ASTM D882
TD: Fracture	810	%	ASTM D882
Dart Drop Impact	110	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	140	g	ASTM D1922
TD	780	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method

Gloss (45°)	57		ASTM D2457
Haze	11	%	ASTM D1003

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