

MARPOL® LL8F 802

Marco Polo International, LLC - Linear Low Density Polyethylene

Wednesday, October 25, 2023

General Information

Product Description

MARPOL® LL8F 802 is an ethylene and octene copolymer resin designed for blown film applications and for blends with LDPE. It offers excellent seal performance during high extrusion output rates. It has an excellent balance of optical and mechanical properties.

Recommended Applications: Blown film applications and blending

FDA Status: Complies with U.S FDA FCN 424 and EU No. 10/2011

Material Status	Commercial: Active		
Availability	 Africa & Middle East Asia Pacific	EuropeLatin America	• North America
Features	Low Density	Octene Comonomer	
Uses	• Blending	Blown Film	
Agency Ratings	• EU 10/2011	• FDA FCN 424	
Processing Method	Blown Film		

ASTM & ISO Properties ¹					
Physical	Nominal Value	Unit	Test Method		
Density / Specific Gravity	0.916	g/cm ³	ASTM D792		
Melt Mass-Flow Rate (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238		
Films	Nominal Value	Unit	Test Method		
Dart Drop Impact	450	g	ASTM D1709A		
Elmendorf Tear Strength - MD	1100	g	ASTM D1922		
Thermal	Nominal Value	Unit	Test Method		
Melting Temperature	220	°C	Internal Method		
Optical	Nominal Value	Unit	Test Method		
Gloss	65		ASTM D2457		
Haze	11.0	%	ASTM D1003		

Notes

¹ Typical properties: these are not to be construed as specifications.



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