



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

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin 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 Properties¹

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.