

MARPOL® LL6F 801-B

Linear Low Density Polyethylene

Marco Polo International, Inc.

Message:

Recommended Applications: Films

General Information			
Additive	Anti-caking agent		
Features	Low density		
	hexene comonomer		
	Anti-caking property		
Uses	Films		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	170	MPa	ASTM D882
1% secant, TD	200	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	10.0	MPa	ASTM D882
TD: Yield	11.0	MPa	ASTM D882
MD: Fracture	44.1	MPa	ASTM D882
TD: Fracture	37.9	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	540	%	ASTM D882
TD: Fracture	820	%	ASTM D882
Dart Drop Impact	230	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	410	g	ASTM D1922
TD	650	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	50		ASTM D2457
Haze	12	%	ASTM D1003

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