

# MARPOL® mLLF 801-SB

Metallocene Linear Low Density Polyethylene

Marco Polo International, Inc.

## Message:

MARPOL mLLF 801-SB is an ethylene based polymer produced with Metallocene single site catalyst. Films made of mLLF 801-SB have outstanding tensile, impact, puncture, resistance and low temperature properties. mLLF 801-SB contains slip and antiblock, which makes them suitable for formulations which require good openability and a low friction coefficient. It is a ready to use versatile polymer for demanding mono layer and multi layer blown film applications.

Applications include film for frozen food, high speed form-fill seal packaging, overwrap film, thin gauge industrial and consumer films, bag in box film, trash bags and liners.

General Information			
Additive	Antiblock Slip		
Features	Antiblocking Good Impact Resistance High Tensile Strength Low Friction Low Temperature Resistant Puncture Resistant Slip		
Uses	Bags Consumer Applications Film Industrial Applications Liners Multilayer Film Packaging		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm <sup>3</sup>	ASTM D4703
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield	9.03	MPa	
TD : Yield	8.48	MPa	
MD : Break	46.1	MPa	
TD : Break	32.1	MPa	

Tensile Elongation			ASTM D882
MD : Break	470	%	
TD : Break	550	%	
Dart Drop Impact	580	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	270	g	
TD	440	g	
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	119	°C	ASTM D3418
Optical	Nominal Value	Unit	Test Method
Haze	16	%	ASTM D1003

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

### Recommended distributors for this material

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

