

# MARPOL® LL6F 801-HSB

Linear Low Density Polyethylene

Marco Polo International, Inc.

## Message:

MARPOL® LL6F 801-HSB is a hexene LLDPE resin designed for cast and blown film applications. Films produced by this resin display excellent toughness and strength as well as superb elongation, tear resistance and punture resistance.  
Recommended Applications: Heavy duty industrial liners, trash can liners, retail bags

General Information			
Additive	High smoothness (1000 ppm)		
	High caking resistance (6250 ppm)		
	Processing aid		
Features	High Toughness		
	Low density		
	High smoothness		
	High caking resistance		
	High strength		
	hexene comonomer		
	Perforation resistance		
	Good tear strength		
Uses	Blown Film		
	Lining		
	Bags		
	cast film		
Processing Method	Blow film		
	cast film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.925	g/cm <sup>3</sup>	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
Tensile Strength			ASTM D882
MD: Fracture	44.8	MPa	ASTM D882
TD: Fracture	34.5	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	500	%	ASTM D882

TD: Fracture	700	%	ASTM D882
Dart Drop Impact	200	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	310	g	ASTM D1922
TD	800	g	ASTM D1922
Thermal	Nominal Value	Unit	
Melting Temperature	231	°C	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	45		ASTM D2457
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

