

MARPOL® LL4M 850-G

Linear Low Density Polyethylene

Marco Polo International, Inc.

Message:

MARPOL® LL4M 850-G is a linear low density polyethylene resin designed to offer easy blending and good processability. In granular form it is very efficient to blend with additives and pigments.

General Information			
Features	Low density		
	Workability, good		
Uses	Mixing		
Forms	Particles		
Physical	Nominal Value	Unit	Test Method
Density	0.926	g/cm ³	
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	52	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	51		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	15.2	MPa	ASTM D638
Fracture	7.58	MPa	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus - 1% Secant	448	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	440	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -76.1	°C	ASTM D746
Melting Temperature	122	°C	

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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



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