

MARPOL® LL4M 833

Linear Low Density Polyethylene

Marco Polo International, Inc.

Message:

This resin exhibits an excellent balance of processability, stiffness, impact strength and ESCR. Applications include housewares, trash cans and medical items.

General Information			
Features	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
Uses	Household Goods		
	Medical/Healthcare Applications		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm ³	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	33	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	13.4	MPa	
Break	9.31	MPa	
Tensile Elongation (Yield)	8.5	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant	407	MPa	
2% Secant	365	MPa	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	47.8	°C	ASTM D648
Brittleness Temperature	< -76.1	°C	ASTM D746
Vicat Softening Temperature	87.2	°C	ASTM D1525

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

