

MARPOL® LL6R 804UV

Metallocene Linear Low Density Polyethylene

Marco Polo International, Inc.

Message:

MARPOL® LL6R 804UV is a new generation metallocene medium density polyethylene with hexene as comonomer. This is a natural grade available in pellet form.

Recommended Applications

Intended for the manufacture of rotomolded items

General Information			
Features	Low density hexene comonomer		
Appearance	Natural color		
Forms	Particle		
Processing Method	rotomolding		
Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance			ASTM D1693
10% Igepal, F50	155	hr	ASTM D1693
100% Igepal, F50	> 900	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	20.7	MPa	ASTM D638
Fracture	11.7	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	8.0	%	ASTM D638
Fracture	300	%	ASTM D638
Flexural Modulus	883	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	119	°C	ASTM D1525
Melting Temperature	126	°C	ASTM D3417

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Recommended distributors for this material

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