

POLYAXIS® LP 8000

Metallocene High Density Polyethylene

A. Schulman Inc.

Message:

PolyAxis LP-8000 is a high density polyethylene intended for the rotational molding industry. This stiff yet tough compound has been used in watercraft with good success.

General Information			
Additive	Long Term UV-10 Stabilizer		
Appearance	Available colors		
Forms	Powder		
	Particle		
Processing Method	rotomolding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	0.945	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.6	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield, Rotational Molded)	22.1	MPa	ASTM D638
Tensile Elongation ³ (Break, Rotational Molded)	500	%	ASTM D638
Flexural Modulus - 1% Secant (Rotational Molded)	1000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Impact Strength (-40°C, 3.18 mm, Rotational Molded)	88	J	ARM
NOTE			
1.	Compression Molded		
2.	51 mm/min		
3.	51 mm/min		

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Recommended distributors for this material

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