

# POLYAXIS® LP 624

High Density Polyethylene

A. Schulman Inc.

Message:

Long term UV8 stabilization

General Information			
Additive	Long Term UV-8 Stabilizer		
Appearance	Black		
	Colors Available		
Forms	Pellets		
	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity <sup>1</sup>	0.942	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal, Compression Molded, F50)	> 500	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield, Rotational Molded)	17.9	MPa	ASTM D638
Tensile Elongation <sup>3</sup> (Break, Rotational Molded)	400	%	ASTM D638
Flexural Modulus - 1% Secant (Rotational Molded)	124	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Impact Strength (-40°C, 3.18 mm, Rotational Molded)	65	J	ARM
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Rotational Molded)	55.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (Any Color)	HB		UL 94
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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