

Polyaxis PD 3000 Preliminary Polypropylene Rotational Molding Resin		Density	.900	g/cm ³
		MFI	17	g/10 min

Product Description

Polyaxis PD 3000 is a co-polymer polypropylene developed specifically for rotational molding applications. This grade is UV stabilized and available in natural, black and colors.

Physical properties

Property ⁽¹⁾	Test Methods	Unit	Value
ASTM,UL			
Melt Index Condition E, 230 °C/2.16 kg	D1238	g/10 min	17
Density	D1505	g/cm ³	0.90
ESCR 100% Igepal	D 1693	hrs	>1000
Flexural Modulus (1.3 mm/min)	D 790	psi	187,000
Tensile Strength at Yield, (50 mm/min)	D 638	psi	3,760
Tensile Elongation at Break, (50 mm/min)	D 638	%	40
Heat Deflection Temperature, (66 psi.)	D 648	°C	120
Low Temperature Impact (1/8" specimen, rotational molded)	ARM Method (-40 °C)	(ft-lb)	15

(1) The values indicated in the table describe typical properties, they do not constitute specification limits. Data is for natural, unpigmented resin.

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