

# Technical Data

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## POLYAXIS PD 2000

NATURAL/COLORS/BLACK

**Polyaxis PD 2000 is a polypropylene specifically designed for rotational molding. Improved room temperature impact and ease of molding are two of the most important traits that make this resin an excellent choice for applications requiring the characteristics of polypropylene.**

RESIN PROPERTIES	TEST METHOD	TEST PARAMETERS	UNIT	TYPICAL VALUE
Melt index	ASTM D-1238	2.16/230	g/10 min	17
Density	ASTM D-792	-----	g/cc	.9

### TYPICAL PHYSICAL PROPERTIES

Tensile Strength	ASTM D-638	@ yield, 2"/minute	Mpa psi	25.9 3760
Ultimate Elongation	ASTM D-638	2"/minutes	%	30
ESCR	ASTM D-1693	100% Igepal	hours F50	>1000
Flexural Modulus	ASTM D-790	@ 1% Secant	Mpa psi	1288.4 187,000
Heat Distortion	ASTM D-648	@ 66 psi	°C	120
Impact	ARM	(23°C) 1/8" Specimen	ft - lbs.	14

09/01



Values listed are typical properties and should not be used as specification limits. Physical properties are based on rotationally molded samples from unpigmented resin. Test procedures may have been modified to accommodate laboratory capabilities. Density and ESCR tests were performed on compression molded samples.

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