



2.0 Melt
Oversized Parts
Extra Rigidity



HIGH DENSITY is meant for Extra Large parts requiring low warpage and excellent Stress Crack Resistance.

It has good color retention and is heat stabilized.



Colors Available



UV 12 Stabilized

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HIGH DENSITY

METHOD²

VALUE

DENSITY	D1505 Reference MA-01 Own Method	0.942 g/cm ³
MELT INDEX @190°C/2.16 kg	ASTM D1238	2.0 g/10 min
FLEXURAL MODULUS ¹ 1% Secant	ASTM D790	147,000 psi (1,010 MPa)
TENSILE STRENGTH AT YIELD ¹ @ 50mm/min	ASTM D638	3,400 psi (23.4 MPa)
ESCR ² CONDITION A 10% Igepal 50°F F50	ASTM D1693	400 hr
LOW TEMPERATURE IMPACT @ -40°C ¹	ARM 1/8" specimen	58 ft/lb (78.4 J)
DEFLECTION TEMPERATURE UNDER LOAD ¹ 66 psi (0.45 Mpa) 264 psi (1.8 Mpa)	ASTM D648	149 °F (65 °C) 109 °F (43 °C)

- ¹ Rotational Molded
- ² Test methods may be modified to accommodate conditions or laboratory limitations
- ³ Test equipment upper limit for elongation is 600%

The following are typical properties and are not to be construed as specifications.

Tests were done on natural, unpigmented resin.

User is advised to make its own determination of this product's suitability for its intended use.

Rotopolymers makes no warranty expressed or implied regarding the suitability of this product in application.

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