



5.0 Melt
General Purpose
Applications

ROTOLENE is a versatile resin. Its wide processing window makes it suitable for multiple products.

It provides great aesthetics, good color retention, and finished part durability.



Colors
Available



UV 8
Stabilized

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Information**



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ROTOLENE

METHOD²

VALUE

DENSITY	D1505 Reference MA-01 Own Method	0.935 g/cm ³
MELT INDEX @190°C/2.16 kg	ASTM D1238	5.5 g/10 min
FLEXURAL MODULUS ¹ 1% Secant	ASTM D790	95,000 psi (655 MPa)
TENSILE STRENGTH AT YIELD ¹ @ 50mm/min	ASTM D638	2,250 psi (16.5 MPa)
ELONGATION AT BREAK ¹	ASTM D638	> 604 %
LOW TEMPERATURE IMPACT @ -40°C ¹	ARM 1/8" specimen	53 ft/lb (71.6 J)
DEFLECTION TEMPERATURE UNDER LOAD ¹ 66 psi (0.45 Mpa) 264 psi (1.8 Mpa)	ASTM D648	136.4 °F (58 °C) 94.3 °F (34.6 °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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