ROTOLENE

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 and assesment of the suitability of this product for its intended use. Roto Polymers makes no warranty expressed or implied regarding the suitability of this product in application.

	METHOD [2]	VALUE
DENSITY	D1505 Reference MA-01 Own Method	0.935 g/cm [3]
MELT INDEX @190°C/2.16 kg	ASTM D1238	5.5g/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)	ASTM D648	136.4 °F (58 °C)
264 psi (1.8 Mpa)		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%

ROTOLENE is available in 35 mesh powder. It is ideal for **General Purpose Applications**, as it combines **excellent processability**, **low warpage**, and **great aesthetics**. It provides good **color retention** and **finished part durability.**

Medium Density Polyethylene

UV8 Stlabilized

Heat Stlabilized

NATURAL AND COLORS

ROTO POLYMERS
BEST ROTOMOLDING RESINS

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