

HIGH FLOW

The technical information, recommended uses and applications are based on the typical test results of each product. Roto Polymers is not responsible for the use, nor for results based on this information. All users must run their own test to determine their suitability.



ROTOLENE

MELT INDEX
@190°C/2.16 kg

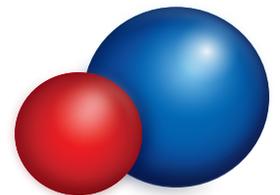
	ASTM	RESULT
DENSITY	D1505 Reference MA-01 Own Method	0.935 gr/cm ³
MELT INDEX @190°C/2.16 kg	ASTM D1238	7.0gr/10 min
FLEXURAL MODULUS 1% Secant	ASTM D790 ²	87,500 (603) Psi (MPa)
TENSILE STRENGTH AT YIELD @ 50mm/min	ASTM D638 ²	2,670 (18.4) Psi (MPa)
TENSILE STRENGTH AT BREAK @ 50mm/min	ASTM D638 ²	3,000 (20.7) Psi (MPa)
TENSILE ELONGATION AT YIELD	ASTM D638 ²	13%
TENSILE ELONGATION AT BREAK	ASTM D638 ²	> 800%
HEAT DEFLECTION @ 66 psi (0.45 Mpa)	ASTM D648 ²	50.6°C
E.S.C.R. 100% Igepal E.S.C.R. 10% Igepal	ASTM D1693 ¹	>1,000 hr >1,000 hr
LOW TEMPERATURE IMPACT @ -40°C	ARM STD ² 1/8" specimen	45 (61) ft.b _f (J)

Hexene Copolymer
Linear Medium Density
Polyethylene

UV8
Stabilized



HIGH FLOW comes in both **Powder** and **Pellets**. It provides **Excellent Stress Crack Resistance, Impact Strength, and Processability**. It is ideal for **Small to Medium Sized Products with a High Level of Detail**.



ROTO POLYMERS
BEST ROTOMOLDING RESINS