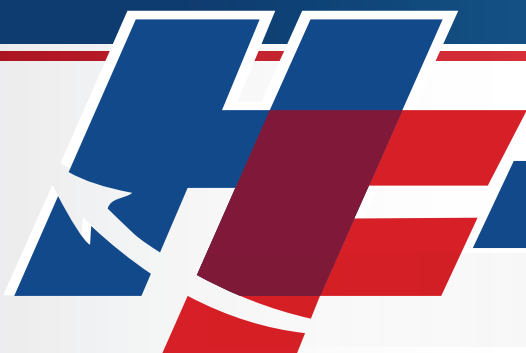


HIGH FLOW

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/cm³

ASTM D1238

7.0 gr/10 min

FLEXURAL MODULUS

1% Secant

ASTM D790²

87,500 (603)
Psi (MPa)

TENSILE STRENGTH AT YIELD

@ 50mm/min

ASTM D638²

2,670 (18.4)
Psi (MPa)

TENSILE STRENGTH AT BREAK

@ 50mm/min

ASTM D638²

3,000 (20.7)
Psi (MPa)

TENSILE ELONGATION AT YIELD

ASTM D638²

13 %

TENSILE ELONGATION AT BREAK

ASTM D638²

> 800 %

HEAT DEFLECTION @ 66 psi (0.45 Mpa)

ASTM D648²

50.6°C

E.S.C.R. 100% Igepal

E.S.C.R. 10% Igepal

ASTM D1693¹

> 1,000 hr

> 1,000 hr

LOW TEMPERATURE IMPACT @ -40°C

ARM STD²
1/8" specimen

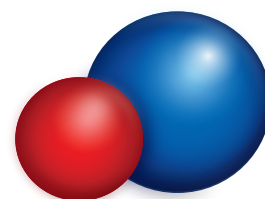
45 (61)
ft.b_f (J)

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