



**6.0 Melt
Specialty
Product**

2XH combines stiffness and flow. This makes it ideal for large products with a high level of detail.

It is particularly recommended for marine applications.



Colors Available



UV 16 Stabilized

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2XH

METHOD²

VALUE

DENSITY	D1505 Reference MA-01 Own Method	0.945 g/cm ³
MELT INDEX @190°C/2.16 kg	ASTM D1238	6.0 g/10 min
FLEXURAL MODULUS ¹ 1% Secant	ASTM D790	107,000 psi (740 MPa)
TENSILE STRENGTH AT YIELD ¹ @ 50mm/min	ASTM D638	2,900 psi (20 MPa)
ELONGATION AT BREAK ¹	ASTM D638	460 %
LOW TEMPERATURE IMPACT @ -40°C ¹	ARM 1/8" specimen	68 ft/lb (92 J)
DEFLECTION TEMPERATURE UNDER LOAD ¹ 66 psi (0.45 Mpa) 264 psi (1.8 Mpa)	ASTM D648	147 °F (64 °C) 111 °F (44 °C)
DUROMETER HARDNESS Type D (Shore D)	ASTM D2240	63

- 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.

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

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