

Features

- High strength
- 40% of glass
- Precise dimension
- High reusability

Application

- Structural Part
- High rigidity requirements
- Wear-resisting assembly
- Tools

Specification

Mechanical properties	Test method	Metric
Part Color	Visual	Grayish Yellow
Density	DIN 53466	-/cm ³
Elongation at break	ASTM D638	10.37%
Flexural Strength	ASTM D790	48.1 MPa
Flexural Modulus	ASTM D790	1,682 MPa
Heat Deflection Temperature 0.45Mpa	ASTM D648	177 °C
Heat Deflection Temperature 1.82Mpa	ASTM D648	121 °C
Tensile Strength	ASTM D638	41.6 MPa
Tensile Modulus	ASTM D638	2085.9 MPa
IZOD Impact Strength with notch	ASTM D256	39 J/M
IZOD Impact Strength without notch	ASTM D256	298 J/M

Note: 1. The above parameters based on specified test method and heating energy might not be achieved with different conditions.
 2. 15% deviation of test result might happen on different testing platform.
 3. The above data are subject to update without prior notice.



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