

## Features

- High strength
- 30% glass
- Heat deformation resistance
- High reusability

## Application

- Structural Part
- Impeller/Fan
- Wear-resisting assembly
- tools

## Specification

Mechanical properties	Test method	Imperial	Metric
Color appearance	Visual	Black gray	Black gray
Density	DIN 53466	0.046 IB/in <sup>3</sup>	1.26g/cm <sup>3</sup>
Elongation at break	ASTM D638	9%	9%
Bending strength	ASTM D790	10,152 psi	70 MPa
Bending modulus	ASTM D790	174 psi	2100 MPa
Thermal deformation temperature 0.45Mpa	ASTM D648	354.2°F	179 °C
Thermal deformation temperature 1.82Mpa	ASTM D648	264.2°F	129°C
Tensile modulus	ASTM D256	290 ksi	2000 MPa
Tensile strength	ASTM D638	5946 psi	41 MPa
Cantilever beam type impact strength with notch	ASTM D256	0.90 ft-lb in	48 J/M
Cantilever beam type impact strength without notch	ASTM D256	4.50 ft-lb in	240 J/M

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