

Features

- High strength
- 40% aluminum powder
- Metal color
- Wear resistance
- High reusability

Application

- Products with metal texture
- Thermal load environment
- Parts with good mechanical properties are required

Specification

Mechanical properties	Test method	Metric
Part Color	Visual	Metallic Grey
Density	DIN 53466	1.36g/cm ³
Elongation at break	ASTM D638	1.5-3.5%
Flexural Strength	ASTM D790	54 MPa
Flexural Modulus	ASTM D790	1,994 MPa
Heat Deflection Temperature 0.45Mpa	ASTM D648	167°C
Heat Deflection Temperature 1.82Mpa	ASTM D648	127°C
Tensile Strength	ASTM D638	32 MPa
Tensile Modulus	ASTM D638	1,700 MPa
IZOD Impact Strength with notch	ASTM D256	35 J/M
IZOD Impact Strength without notch	ASTM D256	241 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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