

Features

- Good comprehensive performance
- Stable color
- Accurate size
- High reusability

Application

- Structural parts
- Functional shells
- Complex assemblies
- Cultural and creative products
- Drones

Specification

Mechanical properties	Test method	Metric
Part Color	Visual	Bright White or Black
Density	DIN 53466	0.95g/cm ³
Elongation at break	ASTM D638	8-15%
Flexural Strength	ASTM D790	50 MPa
Flexural Modulus	ASTM D790	1,300 MPa
Heat Deflection Temperature 0.45Mpa	ASTM D648	179°C
Heat Deflection Temperature 1.82Mpa	ASTM D648	99°C
Tensile Strength	ASTM D638	46 MPa
Tensile Modulus	ASTM D638	1,800 MPa
IZOD Impact Strength with notch	ASTM D256	40 J/M
IZOD Impact Strength without notch	ASTM D256	350 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.



TPM 3D Printing Technology Co.,Ltd.
 Headquarters: 2F East, Bldg. #1, 3000 Yixian Rd,
 Baoshan District , Shanghai 200441
 TEL: +86-21-56166181 / P.C: 200441
 Email: info@tpm3d.com / www.tpm3d.com