DATA SHEET

PET-G 3D Filament

Material is specifically developed for 3D printing applications where easy processing and high toughness are crucial. The self-bonding ability will improve the strenght and the durability of your creations

Material properties

Description	Method	Typical value
Density	ASTM D792	1.29 g/cm³
Glass transition temperature	ASTM D3418	80°C
Melting temperature	DSC	180°C
Heat deflection temperature	ISO 75 (0.45MPa)	68°C
Tensile strength at yield	ISO 527	46 MPa

Printing properties	
Hotend temperature	245 -255°C
Heatbed temperature	70 - 90°C
Cooling print object	0 - 30% fan speed
Nozzle diameter	commonly used
Printing environment	open space or inside of box
Bed surface	commonly used (glassbed, PEI, steel etc..)
Bed adhesive	glue stick for easy removal
Drying	6 - 8 hours at 65°C

Type of spool		Weight of empty spool
750 gr	transparent	230gr
1 kg	transparent	250gr
1 kg	black	220gr
2,5kg	black	500gr

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