



TECHNICAL DATA SHEET

PC FILAMENT

PC is the most excellent engineering used filament. It is good enough strong, toughness, impact strength and high heat resistant characteristics. its popular for advanced 3D printer users as well as preferred choice of engineers and professional users.

Application: - functional part, prototypes, functional models, engineering part, engineering prototypes, automobile parts etc.

Post processing: -

TYPICAL PC MATERIAL PROPERTIES

Physical properties	Method	Typical value
Melt Flow rate	ISO 1133	25 g/10min
Density	ISO 1183	1.19 g/cm
Mechanical properties	method	Typical value
Tensile modulus	ISO 527-2/50	2100 MPa
Tensile strength at break	ISO 527 2/50	64 MPa
Tensile elongation at break	ISO 527-2/50	91 %
Flexural strength	ISO 178	91.0MPa

Disclaimer

The results in the data sheet are just for your information and comparison values are significantly dependent on print or printer settings, operating experiences and surrounding conditions or weather. Everyone has to consider suitability and possible consequences of printed parts usage. Tesseract cannot carry any responsibility for any change of data during outside testing or injures or any loss caused by using of Tesseract material.