

TECHNICAL DATA SHEET

NYLON (PA6) FILAMENT

NYLON (PA6) is the most engineering used filament. It is good enough strong, toughness, impact strength and heat resistant characteristics with Self-lubricating characteristics. That's why its most 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 NYLON (PA6) MATERIAL PROPERTIES

Physical properties	Method	Typical value
Relative viscosity		3.63
Melting point	ISO 11357	220°c
Mechanical properties	method	Typical value
Tensile modulus	ASTM D-882	800 MPa
Tensile strength at break	ASTM D-882	100 MPa
Tensile elongation at break	ASTM D-882	450 %
Haze	ASTM D-1003	< 0.5 %

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.