

PRODUCT DESCRIPTION

Yousu Nylon 3D Filament, a thermoplastic derived from reproducible resources, which is specially designed by Yousu 3D Technology Co., Ltd, limited for 3D FDM printer. As a popular product used in 3D printing, our product shows excellent mechanical and physical properties

Properties	Test Method	Unites	Test Condition	Typical Value
Physical Properties				
Relative Viscosity			96% H ₂ SO ₄ , 25 °C	2.70±0.05
Melt Flow Rate		g/10min		98
Melt Point		°C		224
Mechanical Properties				
Tensile Strength		MPa	23 °C	96
Curve Radian		MPa		2.4
Flexural Modulus		Mpa		2270
Tensile Elongation,		%	break	5.3
			yield	307

after printed as a part.

Applications

Yousu Nylon 3D Filament is specially designed for 3D printing.

Processing Information

Yousu Nylon 3D Filament is applied to most of the FDM 3D printer on the market. Our product has two kinds of diameters: 1.75mm and 3.0mm and show excellent stability and mobility in the molten state. Parts printed with our products have well thermal and mechanical properties. Before printing some parameters should be noticed.

Basic Parameters	
Product Code	YS-Nylon ¹⁴¹
Material	Nylon
Diameter	1.75/3.0 mm
Printing Temp	220-260 °C
Print Bed Temp	80-120 °C

All information provided and recommendations made herein are intended to assist customers in determining whether our products are suitable for their applications. We request that customers inspect and test our products before use in order to make their own final decision regarding suitability. We do not guarantee results, freedom from patent infringement, or suitability of resultant products for any suggested application with respect to the use of any formula or material described herein.