



PUSH PLASTIC

Technical Data Sheet

Push Plastic Carbon Fiber Nylon

Specially formulated Nylon resin with added milled carbon fiber for 3D printing

	Test Method and Units	Value
Mechanical Properties		
Tensile Strength at Yield (23°C)	ASTM D638 MPa	130
Tensile Elongation at Break	ASTM D638 %	3-4%
Tensile Modulus	ASTM D638 Mpa	6200
Flexural Strength	ASTM D790 Mpa	190.5
Flexural Modulus	ASTM D790 Mpa	6100
Izod Impact Strength @73F	ASTM D256 Notched 1/8" ft-lb/in	.95-1.3
Electrial Properties		
Surface Resistivity	ASTM D257 Ohms	<1.0e7
Processing		
Drying Temperature	SOP	80C
Max moisture %	SOP	.1-.2%

Notes:

- * The values presented are laboratory averages and may vary within a moderate range for 3D printed specimens
- *This data is not intended to substitute for any testing you may need to determine the suitability of this material

for your uses