



**PA6 FR**

Ultrasint PA6 FR is an excellent choice for design engineers and industrial user who seek to create flame resistant 3D-printed parts with superior stiffness, strength and good impact resistance for functional applications. The characteristics of PA6 FR are as follows:

- High modulus, high strength
- Excellent thermal distortion stability.
- High accuracy and mechanical strength
- High heat distortion temperature

IDENTIFICATION	
Product Name	PA6FR Polyamide Powder
Material Name	Ultrasint PA6 FR
Application	- Switchboard parts and other electronic components - Media flow & storage parts (i.e. air ducts for buses / aerospace) - Jigs & Fixtures for cables and pipes
For use with	<input type="checkbox"/> MfgPro230 xS <input checked="" type="checkbox"/> MfgPro236 xS
SPECIFICATIONS	
Color	Black
Density	1.3 g/cm <sup>3</sup>
Packing Density	0.55 g/cm <sup>3</sup>
MECHANICAL PROPERTIES	
Tensile Strength (Mpa)	41
Tensile Modulus (Mpa)	2450
Elongation	2.6%
Flexural Strength (Mpa)	N/A
Flexural Modulus (Mpa)	2000
Impact (KJ/m <sup>2</sup> )	2.1
THERMAL PROPERTIES	
Melt Temperature	218
Operating Temperature	N/A
Refresh Parameters	
Refreshing	New 4 : Old 6
Scaling	
X:	-
Y:	-
Z:	-