



PA606FR

Material Data

Our Nylon FR fire retardant material is designed to be used with parts requiring FAR certification (FAR 25.853 60-second burn requirement). Applications for this could be vehicle interiors such as automobile, aircraft, etc.

Mechanical Properties	Value	Test Standard
Sintered Part Density	1.02 g/cm ³	ASTM D792
Ultimate Tensile	48 MPa	ASTM D638
Elongation at Break	24%	ASTM D638
Flammability 60 sec Burn	PASS	FAR 25.853
Shore D hardness (15s)	73	ASTM D2240

Thermal Properties	Value	Test Standard
Heat Deflection Temperature	95° C @ 1.82 MPa	ASTM D648
Heat Deflection Temperature	180° C @ 0.45 MPa	ASTM D648

Product Features:

- High Strength and stiffness
- Good chemical resistance
- High detail resolution
- Passes FAR 25.853 60-sec Burn Test

Characteristic:

Processing Laser Sintering

Natural Color White



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Feel free to email us questions at info@ult3d.com or call: 503-848-8227
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