

PA606FR

Material Data

Our Nylon FR fire retardant material is designed use 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
Flexural Modulus, 23°C	1,500 MPa	ASTM D790
Izod Impact notched, 23°C	32 J/m	ASTM D256
Izod Impact unnotched, 23°C	336 J/m	ASTM D256
Shore D hardness (15s)	73	ASTM D2240

Thermal Properties	Value	Test Standard
Heat Defection Temperature	95° C @ 1.82 MPa	ASTM D648
Flammability 60 Second Burn	PASS	FAR 25.853

Product Features:

- High Strength and stiffness
- Good chemical resistance
- High detail resolution
- Passes FAR 25.853 60-second burn requirement

Characteristic:

Processing Laser Sintering

Natural Color White

LET'S GET THIS DONE.

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