



# 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 <sup>3</sup>	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



| [www.ult3d.com](http://www.ult3d.com)

| [quotes@ult3d.com](mailto:quotes@ult3d.com)

Feel free to email us questions at [info@ult3d.com](mailto:info@ult3d.com) or call: 503-848-8227  
We are located at 5575 SE Alexander St. Suite 400, Hillsboro, OR 97123