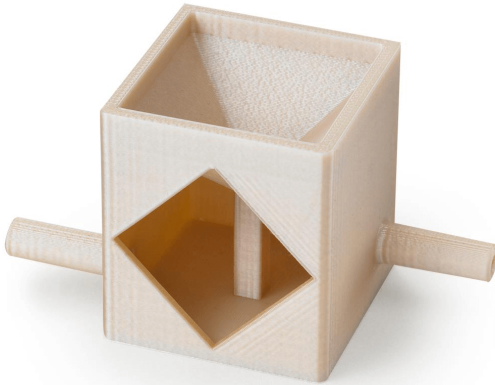


PPSF/PPSU

Polyphenylsulfone

Technology: **FDM**

COLOR OPTIONS: Natural



APPLICATIONS:

Under-the-hood automotive components.

DESCRIPTION:

FDM Technology uses the same tried and tested thermoplastics found in traditional manufacturing processes. PPSF/PPSU material has the greatest heat and chemical resistance of all FDM materials.

FEATURES:

High heat resistance. Chemical resistant. Steam autoclave. EtO sterilization, plasma sterilization, chemical sterilization and radiation.

TECHNICAL DATA

| PROPERTY | ASTM | METRIC UNITS |
|-----------------------------------------------------|-------|--------------|
| Tensile Strength | D638M | 55 MPa |
| Modulus of Elasticity, Youngs Modulus | D638M | 2,100 MPa |
| Elongation Break (%) | D638M | 3 % |
| Flexural Strength | D790M | 110 MPa |
| Flexural Modulus | D790M | 2,200 MPa |
| IZOD Impact Strength (notched) | D256A | 58.7 J/m |
| Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C) | D648 | 189 °C |