

PPSF/PPSU Polyphenylsulfone

TECHNOLOGY: FDM

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.

Color Options: Natural

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

