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Ketaspire® PEEK AM Filament CF10 LS 1 incorporates 10% carbon fiber reinforcement for increased strength. This material provides long-term performance up to 240 °C, including exceptional chemical resistance. These properties make it particularly suited for metal replacement in critical applications in severe end-use environments, such as Oil & Gas, Aerospace and Automotive.

Specifications :

Filament Diameter: 1.75mm

Net Filament Weight: 0.5 or 1kg

Filament Color: Black

Storage: place in zip sealed bag with desiccant after use

Desiccant: Yes

Processing Temperature Range: 390-420°C

Recommended Bed Temperature: >200°C

Drying Conditions: 150°C for at least 4 hours

Density: 1.33 g/cm³

Tensile Strength at Break: 140 MPa

Tensile Elongation at Break: 1.7%

Notched Izod Impact: 89 J/m

Melt Temperature: 343°C