

PEEK

Property: PEEK has the advantages of excellent strength and thermal properties. PEEK can compete with metal in various fields with its unique structure and properties, which includes outstanding fatigue resistance, abrasion resistance, self-lubricated property, electrical properties and radiation resistance. These embrace PEEK the abilities to challenge numerous environmental extremes.

AIE PEEK Products Series & Specification :

Products series	Types	Specification	Description
PEEK in Chemical Engineering Field	Reinforced	095Gx	High strength & rigidity High temperature resistance High chemical corrosion resistance(x=2、 4、 6、 8 etc.)
	Abrasion resistance	095Cx-WR	High abrasion resistance Good air-tightness(x=2、 4、 6、 8 etc.)
PEEK in Electronic & Electrical Fields	unmodified	095	High temperature resistance Flame-retardance Excellent electrical properties.
PEEK in Automobile Accessory Field	Wear resistance	095Cx-WR	High wear resistance High rigidity(x=2、 4、 6、 8 etc.)
	Reinforced	095Gx	High rigidity High temperature resistance High chemical corrosion resistance(x=2、 4、 6、 8 etc.)

Notes: In the glass fiber reinforced products, the actual glass fiber amount=subscript number x5,e.g. the actual glass fiber amount of 095G2 is 2x5=10%.

Application: Electrical & Electronics, Automobile, Chemical Engineering, Aviation & Aerospace, Military Machine, etc.

