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Gantiel Vensott
Engineering Plastic Solutions

Product Information

Trade name:	Peek
Designation:	PolyEtherEtherKetone
Food compliance FDA	Yes
Colour:	Beige

Product Description

PEEK is Polyether Ether Ketone. Perfect for the highest demands for temperature resistance and strength. PEEK is a high performance material with the unusual combination of high temperature resistance, excellent chemical resistance, and superb mechanical characteristics. The top operating temperature in air is about +250°C and brief peaks of up to +310°C are possible.

Properties

Density:	1.3	g/cm ³	ISO 1183
Tensile Strength at Yield:	13,900	psi	ASTM D638
Vicat Softening Temperature (Method A 10 N)	335	°C	

Applications and Industries

- High Precision Gears
- Insulators
- Motor Elements
- Printed Circuitry Board Holders
- Chemical and Impact Resistance Bearings

Key Features and Benefits

- Good Sliding Friction Properties
- Suitable for use with Medical Equipment
- Self Extinguishing
- Suitable for use with Food
- Very High Strength Values
- Can be Hot Steam Sterilized

Delivery Program

Rod – Diameter	6mm – 100mm
Rod – Size	1000mm

Supply Requirements Note

Please be advised that due to international embargo laws and PEEK material being used in nuclear, military and specialty applications, a special disclaimer letter will need to be signed by all current and new customers before supply can take place.

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