



## Thermoplastic PEEK Tube Material Polyamide Engineering Plastics

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: MAKEWELL
- Certification: ISO9001 Rohs, Reach
- Model Number: PEEK tube
- Minimum Order Quantity: 10kg
- Price: Negotiation
- Packaging Details: Pallet
- Delivery Time: 7-15 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 100000000 kg /month



### Product Specification

- Flexural Modulus: 3.5 GPa
- Type: Tube
- Flammability: UL94 V-0
- Dielectric Strength: 20 KV/mm
- Application: Bearings And Bushings
- Elongation: 50%
- Impact Strength: No Break
- Temperature Range: -20°C To +200°C
- Highlight:
  - Changzhou Makewell PEEK Tube Material Plastics
  - Changzhou Makewell Polyamide PEEK Tube Material
  - Changzhou Makewell PEEK polyamide

## Product Description

### Product Description:

PEEK Tube Material is a high-performance engineering thermoplastic material that is made from Polyetheretherketone (PEEK). It has excellent physical properties, such as excellent chemical resistance, outstanding thermal stability, excellent flexural modulus, high tensile strength and UL94 V-0 flammability rating. It can be used in a wide range of temperature range, from -20°C to +200°C.

PEEK Tube Material is ideal for applications that require excellent electrical insulation and mechanical strength. It can be used for electrical insulation, bearings, valves, pumps, seals, and other wear resistant components. It is also used in the aerospace, medical, automotive and electronics industry.

PEEK Tube Material has high dimensional stability and good creep resistance at elevated temperatures. It also has excellent fatigue and wear resistance, making it suitable for a wide range of demanding applications. Furthermore, it provides superior resistance to gasoline, oil, and other organic solvents, as well as good resistance to most acids, alkalis, and aqueous solutions.

PEEK Tube Material is a highly versatile material that is both strong and flexible. It has a flexural modulus of 3.5 GPa, a tensile strength of 25 MPa, and is highly resistant to thermal and chemical degradation. This makes it ideal for use in demanding applications that require excellent temperature and chemical resistance.

### Features:

**Product Name:** PEEK Tube Material

**Impact Strength:** No Break

**Volume Resistivity:** 1014 Ohm-cm

**Color:** Black, Natural

**Elongation:** 50%

**Dielectric Strength:** 20 KV/mm

**Features:** PEEK Sheet Material, PEEK Engineering Plastic, PEEK Plastic Material

### Technical Parameters:

Attribute	Value
Flammability	UL94 V-0
Elongation	50%
Length	100ft
Dielectric Strength	20 KV/mm
Chemical Resistance	Excellent
Volume Resistivity	1014 Ohm-cm
Color	Black, Natural
Impact Strength	No Break
Temperature Range	-20°C To +200°C
Flexural Modulus	3.5 GPa

### Applications:

MAKEWELL's PEEK Tube Material, made of virgin PEEK material, is the perfect choice for injection molded PEEK parts. It comes with excellent chemical resistance and flammability rating of UL94 V-0. With its black and natural colors, it is available in 1/4 diameter and minimum order quantity of 10kg. It is also ISO9001, Rohs and Reach certified, and can be delivered within 7-15 days. Price is negotiable and delivery is available in pallet packaging. Payment methods such as L/C, D/A, D/P, T/T, Western Union and MoneyGram are accepted. MAKWELL provides 10000000 kg of PEEK tube material monthly. It is widely used for bearings and bushings in industrial, automotive and medical applications.

### Customization:

**MAKEWELL PEEK Tube Material**

Brand Name: MAKEWELL

Model Number: PEEK tube

Place of Origin: China

Certification: ISO9001 Rohs, Reach

Minimum Order Quantity: 10kg

Price: Negotiation

Packaging Details: Pallet

Delivery Time: 7-15 days

Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram

Supply Ability: 100000000 kg /month  
Application: Bearings And Bushings  
Dielectric Strength: 20 KV/mm  
Length: 100ft  
Temperature Range: -20°C To +200°C  
Diameter: 1/4

**MAKEWELL PEEK Tube Material** is made of polyetheretherketone (PEEK) engineering plastic, which is a high-performance plastic with excellent physical, chemical, and mechanical properties. Our PEEK tube is characterized by its excellent dielectric strength, low water absorption, and wide temperature range of -20°C to +200°C. It is also lightweight, corrosion resistant, and has a long tube length of 100ft. This PEEK tube is perfect for a variety of applications like bearings and bushings with its diameter of 1/4.

### Support and Services:

PEEK Tube Material provides technical support and services to customers. Our experts can provide advice and guidance to help solve any technical issues you may have. We also offer a range of services, including installation, maintenance, and repair, as well as customized solutions tailored to your specific needs.

We are committed to providing the highest level of customer service and satisfaction. Our team of experienced professionals is available to assist you with any inquiries or questions you may have. We strive to ensure that your experience with our products and services is as efficient and successful as possible.

If you have any questions or would like more information about our technical support and services, please do not hesitate to contact us.



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