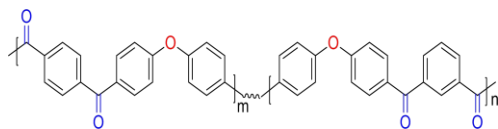


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E-mail:zhao.lin@freemen.sh.cn

Product **Poly(Ether Ketone Ketone)**

CAS No. **74970-25-5**

Molecule structure



Market **South Korea, Europe, US**



PEKK provides a unique combination of properties over a very wide range of temperature period. This **polymer** family has exceptional advantages for processing and expands the application possibilities.

High temperature resistance

- Highest Tg of PAEK

- Tm range 305 - 358°C

High tensile and compression strength/high stiffness

High chemical resistance in harsh conditions

Key parameters

Excellent fire properties

- Low smoke and toxicity

- Inherently flame retardant

High purity, very low extractibles

Processable by all conventional high temperature extrusion and molding techniques

Exceptional possibilities and advantages in additive manufacturing and composites



Packing & Delivery 25kg/Fiber drum

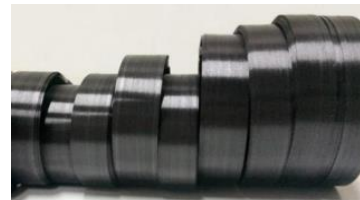
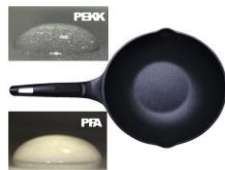
Application

☑ It used in coating, After the special treatment of PEKK, The modified Teflon liquid coating is especially suitable for industrial high temperature anti-corrosion and anti stick Wear resistant coating application, without any primer bonding, and the adhesion of metal substrate can be very strong, while the surface hardness is better than ordinary Teflon coating, The coating is durable, high temperature resistant, vacuum resistant and adaptable;

☑ Super bonding of coating with substrate---saving cost and prolong mold life time, Excellent fusion of PEKK and top coat---saving cost and prolong mold life time, Excellent rigid and ductile properties of PEKK---easy coating and prolong fried pan life time;

☑ Super bonding of coating with substrate---longtime wear resistance and chemical resistance
Excellent fusion of PEKK and top coat---limit vacuum condition applications
Excellent rigid and ductile properties of PEKK---easy coating and prolong pump life time;

☑ PEKK pellet can be used for film, stockshape, fiber, filament, compounding, suitable for **Extrusion molding, injection molding, 3D printing** and other processing methods. it could replace other materials. like **PEEK, PPS**, etc



Our advantage

- ☑ Production from very basic raw material Chlorine, thus to ensure the supply consistency with improved cost;
- ☑ the factory is ISO certified, acquired Certificate of **FDA** compliance;
- ☑ Product approved by multinationals in several industries;
- ☑ Just-in-time Delivery:1 week from warehouse;

Welcome contact for more details!