

PEEK、PEKK粉末

(Professional production of PEEK and PEKK powders)

3D打印PEEK和PEKK粉末

(30 printing of PEEK and PEKK powder)

复合材料预浸料PEEK和PEKK粉末

(Composite material prepreg PEEK and PEKK powder.)



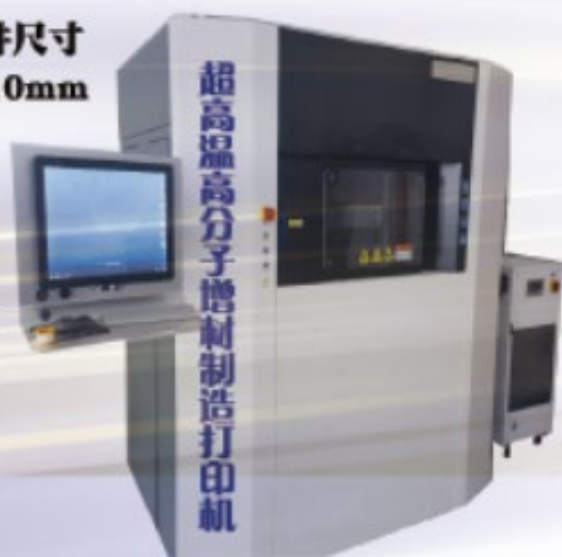
PEKK预浸料用粉末 PEEK预浸料用粉末
(D90<20μm)



PEEK试样

可承接打印件尺寸

400*400*210mm



Polyether ketone ketone powder

● APPLICATION:

PEKK powder can be used for carbon fiber prepreg, high-grade non-stick pan coating, chemical and pharmaceutical corrosion resistance coating, 3D printing additive manufacturing, epoxy resin toughening agent, carbon fiber sizing agent and other plastic processing additives, lithium electric film coating, etc. It is suitable for electrostatic coating, heat-press molding, SLS additive manufacturing and other processing methods.



PEKK POWDER PRODUCT SERIES PROFILE

Item	Unit	Testing method	A600- 50/20/10	A800- 50/20/10	B800- 50/20/10	B330- 50/20/10
General performance						
Density	g/cm ³	ASTM D792	1.28	1.28	1.29	1.3
MFR@380°C,5Kg	g/10min	ISO 1133	100-200	80-120	80-120	80
Mechanical properties						
Tensile strength	MPa	ASTM D638	60	91	115	110
Tensile modulus	GPa	ASTM 0638	3.3	3.2	3.9	3.7
Elongation at break	%	ASTM D638	5	100	8	25
Flexural strength	MPa	ASTM 0790	142	135	200	175
Flexural modulus	GPa	ASTM D790	3.3	3.2	4.4	4.3
Thermal performance						
Glass transition temperature (T _g)	°C	DSC	150-155	155-160	158-165	143
Melling temperature(T _m)	°C	DSC	295-315	295-315	335-340	343

◆The above specifications are only some typical specifications and brands. We has the ability to provide more Grades suitable for the needs of market and customer.