國際電木板企業有限公司
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抗靜電 PEEK 性能表

Polyaryletherketone

聚醚醚酮樹脂

National Insulation Material Co., Ltd.

PEEK ESD Datasheet			
Item	Test Standard or Instrument	Unit	FEK6
Color	-		Black
Density	ISO 1183	g/cm^3	1.38
Water Abs.(25℃.24Hrs)	ISO 62	%	0.42
Yield tensile strength	ISO 527	Mpa	95
Break elongation	ISO 527	%	7.5
Elastic Modulus	ISO 527	Mpa	7500
Notched Impact Strength	ISO 179	KJ/m^2	11.9
Flexural strength	ISO 178	Mpa	126
Flexural modulus	ISO 178	Mpa	3921
Hardness	ISO 868	Shore D	84
Melting point	ISO 3148	℃	310
Continuous sevice temperature	-	℃	260
Coefficient of thermal expansion	-	m/(m.k)	$23x10^{-6}$
Temperature of deflection under load	ISO 75	℃	160
Surface resistance	ESD STM 11.11	ohms	10^{6-9}
Volume resistance	IEC 60093	ohms.cm	10^{6-9}
Flammability	UL 94	-	V-0

以上所有測試數據因設備與機器略有差別，數值僅供參考，本公司不負任何保證。