



導熱材料

Thermal Conductivity Material

導熱材料PMP-P-100物理特性表 General Physical Properties For PMP-P-100

Item	Unit	Value	Test method
Thickness	mm	0.2~10	
Color		All	
Continuous Use Temp	°C	-40°C~200°C	TGA+DMA
Thermal Conductivity	W/m-K	1.1	ASTM E 1530
Volume Resistivity	Ω -cm	10^{14} ↑	ASTM D 257
Breakdown Voltage	KV	4 ↑	ASTM D 149
Hardness (Shore A)		$75 \pm 5^{\circ}$	ASTM D 2240
Specific Gravity		2.1	ASTM D 729
Tensile Strength	Kg/cm ²	28	ASTM D 412
Elongation	%	400	ASTM D 412
Dielectric Constant(ϵ)	60 Hz	4.4	ASTM D 150
	1 KHz	3.8	
	1 MHz	3.6	
Dielectric Dissipation Factor ($\tan \delta$)	60 Hz	6×10^{-3}	ASTM D 150
	1 KHz	5×10^{-3}	
	1 MHz	3×10^{-3}	
UL NO:		E153203(PMP-P-100)	
Flammability		V-0	UL-94