PAI Properties

Parameter table

Property	Testing Items		Rated Value	Unit
Physical Properties	Color		-	
	Density		1400	Kg/m^3
Mechanical Properties	Tensile Strength(20°c)		131	Mpa
	Flexural Strength (20°C)		186	Mpa
	Compressive Strength (20°C)		221	Mpa
	Flexural Modulus		3584	Mpa
	Izod Impact Strength	Notched	2.5	Ft.1b/in
		Unnotched	20	
	Elongation		6	%
Thermal Properties	Tg(N^2, 10℃/min)		265	℃
	T_d^5(air, 10℃/min)		530	℃
	Tg($1.82MPa$, N^2)		268	℃
Electrical Properties	Dielectric Loss		1.0×10^{-4}	
	Dielectric Constant（1mhz）		3.2	-
	Surface Resistance		1.2×10^{14}	Ω
	Volume Resistance		3.5×10^{16}	Ω· cm

★The numerical values are representative values, not standard values.

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