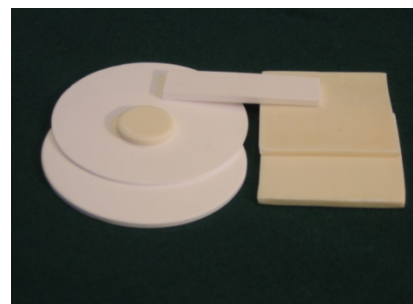


KeraCore™



Product Name: KeraCore™ HS/PA/1

All data in this specification is for guide purposes only.

Property	Units	Value
Material	%	96% alumina, porous
Thickness	mm	1.0
Available Dimensions	mm	10 – 300 (cut to size)
Shape Restrictions		Any planar shape
Open porosity	%	15-25
Volume density	g/cm ²	3,0 – 3,4
Tensile strength	MPa	160
Modulus of elasticity	GPa	250
Coefficient of thermal expansion	10 ⁻⁶ K	8
Thermal conductivity	W/mK	22
Heat capacity	J/gK	0.7
Bulk resistivity	Ωcm	>10 ¹²
Dielectric constant (relative)		6-8
Dielectric loss factor	10 ⁻⁴	< 5
Dielectric Strength	10 ⁶ V/m	>12
Maximum Operating Temperature	°C	1200
Minimum Supply Quantity		50

Date Issued: 30th November 2012



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We reserve the right to change this specification to comply with health and safety and best practice.
Please ensure that the most recent update specification is used