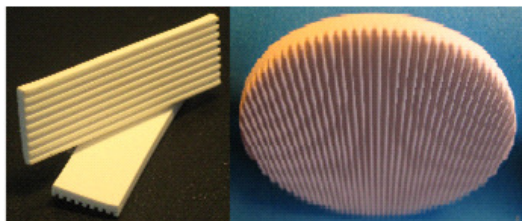


# KeraCore™



**Product Name: KeraCore™ HS11/DA/1**

All data in this specification is for guide purposes only.

Property	Units	Value
Material	%	99% alumina, dense
Base thickness	mm	1.0
Flute dimension	mm	0,9 x 0,9
Available Dimensions	mm	10 – 300 (cut to size)
Shape Restrictions		Any planar shape
Closed porosity	%	<3.0
Volume density	g/cm <sup>3</sup>	3,6-3,9
Tensile strength	MPa	>300
Modulus of elasticity	GPa	350
Coefficient of thermal expansion	10 <sup>-6</sup> K	8
Thermal conductivity	W/mK	32
Heat capacity	J/gK	0.9
Bulk resistivity	Ωcm	>10 <sup>12</sup>
Dielectric constant (relative)		6-8
Dielectric loss factor	10 <sup>-4</sup>	< 5
Dielectric Strength	10 <sup>6</sup> V/m	>12
Maximum Operating Temperature	°C	1200
Minimum Supply Quantity		50

Date Issued: 30<sup>th</sup> November 2012



Brobekkveien 104 A  
NO – 0582 Oslo, Norway  
www.keranor.no +47-22 88 13 20

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