

Source: CoorsTek

<b>Characteristic</b>	<b>Unit</b>	<b>91% (Opaque Brown)</b>	<b>96% (White)</b>	<b>99.6% (White)</b>
Alumina Content	Weight %	91	96	99.6%
Color		Dark brown	White	White
Density	g/c <sup>3</sup>	3.72 min.	3.75 min.	3.87
Surface Finish-CLA (As Fired)	Microinches	≤45	≤35	>1.0
Average Grain Size	Micrometers	5-7	4-7	>1.0
Water Absorption	%	Nil	Nil	Nil
Gas Permeability		Nil	Nil	Nil
Flexural Strength	Kpsi	53	58	90
Coefficient Of Linear Thermal Expansion 25-1000 °C	10 <sup>-6</sup> /°C	6.4 - 8.4	6.4 - 8.2	7.0 – 8.3
Thermal Conductivity 100 °C	W/m °K	12	20	27
Dielectric Constant (Relative Permutivity) 1 MHz	@ 25 °C	10.3	9.5	9.9
Dissipation Factor (Loss Tangent) 1 MHz	@ 25 °C	.005	.0004	0.0004