

## Colored Zirconia (2 mole% yttria sintering aid)

### Typical Properties

	(Units)	(Typical)
Density	(g/cc)	5.95 - 6.00
Color		black/red/etc.
Grain Size, average	(um)	1 - 2
Volume Resistivity (RT)	(Ohm-cm)	>10E9
Bending Strength	(MPa)	900 - 1000
Hardness	(GPa)	12
Fracture Toughness	(MPa-m <sup>1/2</sup> )	8 - 10