



Materials

CERAMICS

RESOLUTION × ACCURACY × PRECISION

		AL ALUMINA CERAMIC
POWDER	PURITY [%]	99.99
	APPEARANCE	WHITE
SLURRY	DENSITY [g/mL]	2.58
	SOLIDS CONTENT [vol%]	51.4
	DYNAMIC VISCOSITY 1 [Pa·s]	8400
	THEORETICAL DENSITY [g/cm ³]	3.99
SINTERED CERAMIC	RELATIVE DENSITY [%]	99.5
	THREE-POINT FLEXURAL STRENGTH [MPa]	500
	YOUNG'S MODULUS [MPa]	300
	COEFFICIENT OF THERMAL EXPANSION [ppm/K]	7-8
	THERMAL CONDUCTIVITY [W/m·K]	32
	RESISTIVITY [Ω·cm]	≈10 ¹⁴
	COMPATIBLE BMF SYSTEMS	*S230, **S240

*S230 with T40 vat and platform

**S240 with T200 vat and platform