CFS Alumina ATZ

Grade 200 AZ - White

PROPERTY	UNIT	VALUE
Colour		White
Forming Process		Pressing, Injection Moulding
Main Constituent Content	%	85/15
Bulk Density/Density	g/cm^3	> 4.10
Water Absorption	%	0
Flexural Strength 3 P.B.	N/mm^2	> 500
Fracture Toughness SEVNB	$Mpa\ m^{1/2}$	4.4
Vickers Hardness	[HV 1]	1,700
Elastic Modulus*	GPa	360
CTE 30-600°	$10^{-6}K^{-1}$	8
CTE 20-1,000°C	$10^{-6}K^{-1}$	8.7
Thermal Conductivity*	W/(m K)	25
Specific Volume Resistivity at 20°C	Ω cm	10^{14}

TECHNICAL NOTES

* The values given are based on literature references and should therefore be considered as guidelines.

The values given here were determined on test specimens and therefore cannot be applied equally to your products. Please do not hesitate to contact us for further information.

MICROSTRUCTURE

