CFS Alumina ZTA

Grade 700 ZA - Slightly Grey

PROPERTY	UNIT	VALUE
Colour		Slightly Grey
Forming Process		Pressing
Main Constituent Content	%	90/10
Bulk Density/Density	g/cm^3	5.95
Water Absorption	%	0
Flexural Strength 4 P.B.	N/mm^2	720
Fracture Toughness SEVNB	Mpa $m^{1/2}$	12.5
Vickers Hardness	[HV 10]	1,100
Elastic Modulus*	GPa	200

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

