

Ceramic Samplers



Properties

Ceramic samplers are made from ceramic fiber, can be used as a tool to take sample of molten metal. As standard, before delivery a coating is applied to samplers, to improve the non-wet property or temperature resistance.

Samplers with BS coating are used in aluminium, and with 1500 E coating for high temperature molten metal.

Physical Properties

		STANDARD	HT
Density (kg/m ³)		700	700
Loss on Ignition %		5	5
Max. Temp. °C		1400 °C	1400 °C
Thermal Conductivity (W/mK)	700 °C	0.15	0.15
	800 °C	0.18	0.18
	1000 °C	0.28	0.28

Chemical Properties

Al ₂ O ₃	55	63
SiO ₂	43	36

Usability

- Custom sizes available upon request.
- Please contact with our company for standart sizes.

Typical Applications

- it is used for iron & steel and aluminium melting crucibles

*Bu bilgiler, de ğ i ebilen tipik özellikleri temsil etmektedir ve spesifikasyon amacıyla kullanılmamalıdır.
This data represents typical properties subject to variations and should not to be used for specification purposes.*