Gieß- Technische- Sonderkeramik GmbH & Co. KG

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ZR-95-VG (CaO stab.)

Crucibles

Material:	**Zirconia**
Quality designation:	**ZR-95-VG**
Directional analysis:	ZrO_2 94 % CaO 4,0 % SiO_2 0,4 % Rest: Al_2O_3, Y_2O_3, Fe_2O_3
Thermal expansion:	$6 - 9{,}5 \cdot 10^{-6}$
Open pores :	about 20,5%
Thermal shock resistance:	satisfactory, sufficient For inductive heating, the crucible should be backfilled with a tamping compound.
Limit of application:	2000°C
Note:	The above values were determined in our own laboratory and by customers. These figures should be regarded as guidelines. No legal claims can be derived from them.