

Quality: ZR-95-VG (CaO-stabilized)

vibrated cast zirconia, porous

Optical	Color	yellow
Chemical	ZrO ₂	94,0 %
	CaO	4,0 %
	SiO ₂	0,4 %
	Rest: trace elements of Al ₂ O ₃ , Y ₂ O ₃ , FeO ₃	
Physical		
Melting point	2400 °C	
Porosity	approx. 20,5 %	
Theoretical density	approx. 4,4 g/cm ³	
Thermal		
Linear expansion coefficient (20 – 1000 °C)	$10^{-6} \cdot ^\circ\text{C}^{-1} / 6 - 9,5$	
Maximum working temperature	2000 °C	
Thermal shock resistance	Satisfactory	
	When inductively heating, the crucible should be fixed with a backfill mass!	

All data given are to be regarded as guide values!