



KR-98-VG

Crucibles

Material:	Corundum			
Quality designation:	KR-98-VG			
Directional analysis:	Corundum (Al ₂ O ₃) 97 % SiO ₂ 0,3 % Fe ₂ O ₃ < 0,1 % Rest trace elements			
Thermal expansion:	0,75 % (1000°C)			
Open pores :	about 23%			
Bulk density	110°C	3,15	g/cm ³	EN ISO 1927-6
Bulk density	1000°C	3,06	g/cm ³	EN ISO 1927-6
Cold compressive strength	110°C	70,0	N/mm ²	EN ISO 1927-6
Cold compressive strength	1000°C	80,0	N/mm ²	EN ISO 1927-6
Cold compressive strength	1500°C	160,0	N/mm ²	EN ISO 1927-6
Thermal shock resistance:	satisfying For inductive heating, the crucible should be backfilled with a tamping compound.			
Limit of application:	1800°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.			