



Laboratory Ceramic Crucibles & Boats up to 1,350°C Application Temperature

high-speed analysers for determination of carbon and sulphur contents in metals/iron and steel, non-ferrous alloys, rubber, carbon black, cement, slag, coal, kerosene, etc.

The product has a high thermal shock resistance and a very low content of carbon and sulphur.

Crucibles and boats can be supplied in different dimensions and different chemical compositions.

MATERIAL PROPERTIES

	Laboratory Crucibles	Laboratory Boats
Color	white	white
Bending Strength	min. 5 MPa	-
Max. Application Temperature [°C]	1,350	1,300
Typical Alloy	80 % SiO ₂ , 20 % Al ₂ O ₃	> 45 % Al ₂ O ₃ , Carbon content < 0.02 %
Density	1.8 to 2.3 g/cm ³	2.40 g/cm ³
Standard Dimensions	Ø 25,5 mm, H 26 mm (stackable)	L 88 mm, W 13 mm, H 8 mm
Thermal Expansion Coefficient	4 to 4.8x10 ⁻⁶ K ⁻¹	-

Technical Drawing

