

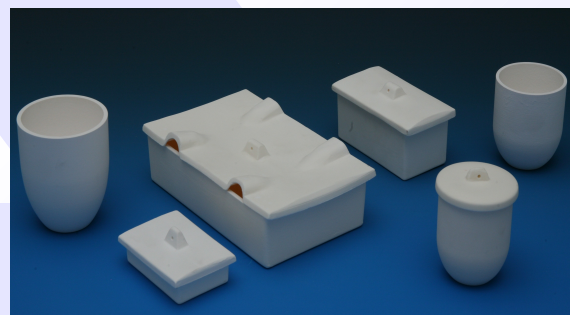
Al₂O₃ Crucibles

Al₂O₃ crucibles are used in a variety of applications.

The main quality of Al₂O₃ materials is their high resistance to melting and the corroding influences of many liquids. We produce crucibles of dense aluminium oxide (C 799) with a volume of up to 2000 ml.

For crucibles that are subject to strong thermal shocks, we employ porous Al₂O₃ as an efficient alternative to C 799.

- Applications:
- melting of glasses
 - melting of metals
 - powder processing



Material	Al ₂ O ₃ C 799	Al ₂ O ₃ porous
composition in %	Al ₂ O ₃ 99,7	Al ₂ O ₃ 99,5
density in g/cm ³	3,90	3,30
open porosity in %	0	14
strength in Mpa	300	75
Coefficient of thermal exp.	7,8	7,8

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