

Alumina and zirconia crucibles



Alumina Products:

- Cylindrical Crucibles
- Circular Tapered Wall
- Classic Shaped Crucibles
- Round Shallow Crucibles
- Boats with & without Tail and Hole
- Point Bottom Crucibles
- Rectangular Crucibles
- Tubes
- Rods
- Effusion Tubes
- E-Beam Crucibles
- Tiles/Substrates
- Kiln Furniture
- Process Trays
- Powder

Zirconia Products:

- Cylindrical Crucibles
- Circular Tapered Wall
- Classic Shaped Crucibles
- Round Shallow Crucibles
- Point Bottom Crucibles
- Rectangular Crucibles
- Tiles/Substrates
- Tubes
- Powder

PBN Products:

- Cylindrical Crucibles
- Boat Shaped Crucibles
- Effusion Tubes

BN Products:

- Cylindrical Crucibles
- Boat Shaped Crucibles
- Effusion Tubes
- Rods
- Plates

Graphite Products:

- Crucibles
- Tiles/Substrates

MgO Products:

- Cylindrical Crucibles
- Tiles/Substrates
- Powder

How to get the best out of your crucible

This is not a list of “what or what not” to do with your crucibles but a pointer in the right direction to enable you to obtain good usage and avoid premature failures.

Thermal shock is a factor to be considered when using alumina or zirconia crucibles. If you require advice about heating rates please discuss this with us.

Induction heating is the least favoured method of heating and ramp rates should be sensible. This applies to all types of furnaces.



For large crucibles it can be helpful to place them on a base or substrate made from a similar material, and finally, don't place your crucible too close to the heating elements (25mm min).

An email or a call to us costs nothing, but a failed crucible costs a lot more!!



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