

Magnesium Oxide Crucible

PRODUCT DESCRIPTION

Magnesia ceramic is a ceramic material consisting of at least 90% of Magnesium Oxide (MgO). It demonstrates good mechanical strength and operates well when uniformly heated or cooled and thermal shock is avoided. It offers superior performance to Alumina, being stable to 2200°C. However, above this temperature creep occurs. Due to its resistance to Lead-based materials, it is used for piezoelectric materials processing.

Quick Facts

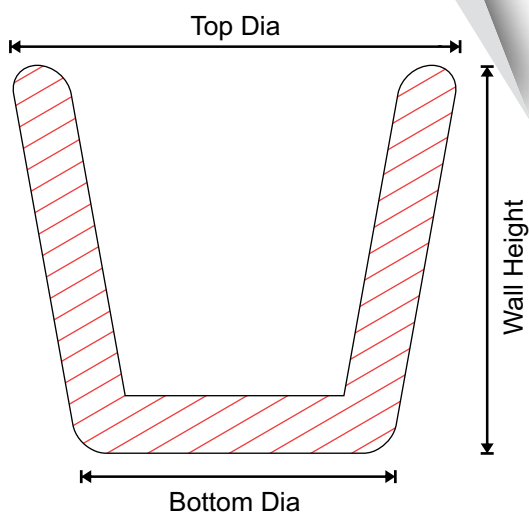
Product	:	Magnesium Oxide Crucibles
Stock No	:	NS6130-10-1026
CAS	:	1309-48-4
Purity	:	> 99.9%
Form	:	Solid

PRODUCT FEATURES

- Superconductor material processing
- Beta Alumina Processing
- Dielectric, piezoelectric, pyroelectric material processing
- Nickel based super alloy processing
- Plutonium and Uranium related material processing

Application

- ✓ Refining precious metal and special alloys
- ✓ Smelting industry
- ✓ Lamp-manufacturing sector
- ✓ Alumina calcinations
- ✓ Various chemical industrial applications
- ✓ R & D laboratory uses
- ✓ Educational Institutes
- ✓ Rare earth production



mgO



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