
PRODUCT DATA**Description:**

T-1064 is a specifically sized, high density tabular alumina product exhibiting low porosity, resistance to chemical attack, resistance to thermal shock, high mechanical strength, extreme hardness, and excellent resistance to acid and alkali corrosion. Various precision sized coarse, fine and flours are available from Mulcoa plant in Andersonville GA.

Applications:

T-1064 is a principal raw material used in the manufacture of high alumina refractories. It is also used in the manufacture of kiln furniture and electrical insulators.

Chemical Analysis (%):

(% dry basis, converter discharge)

| | Typical | Maximum |
|--|----------------|----------------|
| Al ₂ O ₃ (by difference) | 99.7 | |
| SiO ₂ | 0.03 | 0.10 |
| Fe ₂ O ₃ | 0.13 (Total) | |
| Na ₂ O | 0.14 | 0.22 |
| CaO | 0.04 | 0.12 |

Physical Properties:

| | | |
|---|-----------|----------|
| Bulk Specific Gravity (g/cc) | 3.50-3.70 | |
| Apparent Porosity, % (converter discharge) | | 5.50 max |
| Water absorption, % (converter discharge) | | 1.65 max |

Phases Present: 100% Alpha Alumina

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