

ALRAM 4041

Induction Furnace Back Up Dry Ramming Mix

A great lining system requires a great backup ram material. Blasch premier ALRAM 4041 ramming mix is custom-engineered to provide a non-sintering, tight-packing backup with a temperature rating over 1,650°C or 3,000°F.

Material Description

Classification: 99%+ alumina dry ram mix
chemical analysis (nominal, %)

Alumina (Al_2O_3)	99.8
Silica (SiO_2)	0.03
Iron Oxide (Fe_2O_3)	0.05
Alkalies ($\text{Na}_2\text{O} + \text{K}_2\text{O} + \text{Li}_2\text{O}$)	0.12
Lime (CaO)	0.04
Tap Density, lbs/ft ³	160 - 180
Maximum Service Temperature	3200°F

The information provided is based upon laboratory data available. No guarantee or warranty is implied; data is not to be used for specification purposes.

Benefits of ALRAM:

- Ultra high 99.9% alumina mix designed to match perfectly with Blasch ProCaster™ mix 087 alumina / zirconia crucible material
- Ram and crucible thermally expand together to provide best thermal shock resistance
- Higher insulation value than MgO backup provides better heat retention
- Advanced designed partial packing distribution provides excellent packing every installation

