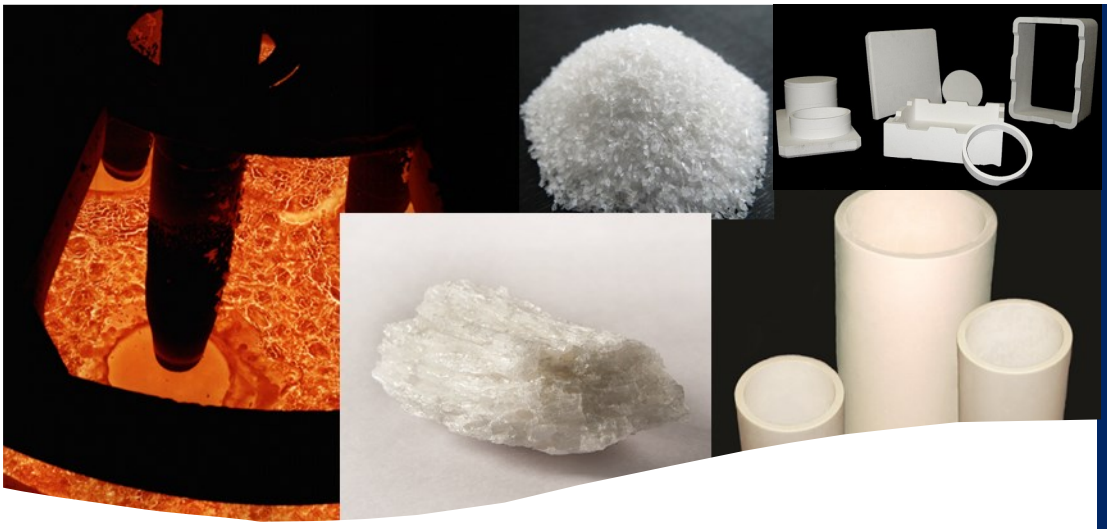

MUB- Fused Mullite

FUSED MULLITE (AL_2O_3 - SIO_2) FOR REFRACTORIES

ABOUT:

MUB is a fused mullite obtained from fusion of high purity sand and alumina in an electric arc furnace. It presents low thermal expansion and high thermal shock resistance that make MUB an excellent material for investment casting and other refractory applications.

TYPICAL CHEMICAL ANALYSIS	
Al_2O_3	73.57%
SiO_2	25.88
Fe_2O_3	0.05
Na_2O	0.41
CaO	0.04

TYPICAL PHYSICAL PROPERTIES	
Crystal Structure:	Orthorhombic
Melting Point:	1850° C
Color:	White
Specific Gravity:	3.08 g/cc
Average Crystal Size:	2,000 µm
Reversible Linear Expansion:	0.85% at 1400° C
Apparent Porosity:	2.8%
Apparent Specific Density:	3.00 g/cm^3

App. Porosity & App. Specific Density by ASTM C 20-00

AVAILABLE SIZES	
MESH	**METRIC (mm)**
3/4" x 5/16"	19.1 - 8.00
5/16" x 4	8.00 - 4.75
4 x 10	4.75 - 2.00
10 x 20	2.00 - 0.850
10 x 40	2.00 - 0.425
20 x 40	0.850 - 0.425
40 x 200	0.425 - 0.075
TPF II	- 0.212
200 MF	- 0.075
325 MF	- 0.045
*Other sizes available upon request	

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