



MUW- WHITE FUSED MULLITE

FUSED MULLITE (AL₂O₃ - SiO₂) FOR REFRACTORIES

ABOUT:

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

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	73.95%
SiO ₂	25.61
Fe ₂ O ₃	0.05
Na ₂ O	0.32
CaO	0.04

TYPICAL PHYSICAL PROPERTIES

Crystal Structure:	Orthorhombic
Melting Point:	1850° C
Color:	White
Specific Gravity:	3.08 g/cc
Apparent Porosity:	5.0%
Apparent Specific Density:	2.94 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 - 850 μm
10 x 40	2.00 - 425 μm
20 x 40	850 - 425 μm
40 x 200	425 - 75 μm
TPF II	- 212 μm
200 MF	- 75 μm
325 MF	- 45 μm

*Other sizes available upon request

USEM

U.S. ELECTROFUSED MINERALS, INC.

600 Steel Street, Aliquippa, PA 15001

Phone: 800-927-8823

email: info@usminerals.com

www.usminerals.com



701 Willet Road, Buffalo, NY 14218

Phone: 716-822-2500

Email: info@electroabrasives.com

www.electroabrasives.com



GRUPO CURIMBABA

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