

ALODUR[®] WFM

Physical Properties

ALODUR[®] WFM

Type:	White Fused Mullite
Colour:	White
Grain Bulk Density:	3.05 g/cm ³
True Specific Gravity:	3.14 g/cm ³
Grain Apparent Porosity:	2.5 %
Refractoriness:	1900 °C PCE 40/41

Applications:

ALODUR[®] **WFM**, White Fused Mullite, is a first quality refractory material, composed of massive crystals of mullite which are formed during cooling after fusion. It confers high melting point, excellent thermal stability, low reversible thermal expansion, high resistance to thermal shock and chemical corrosion at elevated temperatures.

WFM is used in refractories in the iron/steel and glass industries as well as in the linings of high temperature kilns and kiln furniture.

Standard Size Fractions:

The table below lists standard particle sizes, other sizes are available on request.

Standard Size Fractions:

Metric Size	BSS	Metric size	B.S.S.
3.0 - 5.0 mm	-3/16" +1/8"	0.0-0.5 mm	- 30mesh
1.5 - 3.0 mm	-1/8" +1/16"	0.0-0.15 mm	-100mesh
0.7 - 1.5 mm	-1/16" +22mesh	0.0-0.08 mm	-200mesh
0.0 - 0.7 mm	-22mesh		

Typical chemical analysis in wt. %:

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO + MgO	K ₂ O Na ₂ O
76.0	23.5	0.05	Trace	0.1	0.2