
F0885 Alundum

Description

F0885 alundum is a medium titania, low density, fused brown aluminium oxide for use in the Techne range of fluidised baths.

Typical Chemical and Physical Properties

Chemistry: (typical)	Al ₂ O ₃	96.12%
	TiO ₂	2.70%
	SiO ₂	0.67%
	Fe ₂ O ₃	0.11%
	Other Oxides	0.40%
Crystal Structure:	Alpha alumina in the hexagonal crystal system.	
Specific Gravity:	3.92 g/cm ³	
Knoop ₁₀₀ Hardness Number:	2090	
Colour:	Brown	
Shape:	Angular, with sharp edges.	
Grading:	FEPA 42-1:2006	
Bulk Density:	FEPA 44-1:2006	

Grain Size

<u>Size</u>	<u>Gms/cm³</u>
120	1.53 - 1.66