

Brown Fused Alumina

Technical Data Specification – Typical

Description:

Brown Corundum or Brown Fused Alumina is made of bauxite & coke (anthracite) smelted at 2300o C. Its major chemical components are Al₂O₃ & TiO₂.

Applications:

Brown Fused Alumina is a very durable blasting and polishing abrasive grain. As loose grains, it is widely used for pressure blasting, polishing, lapping and other surface finishing on metal, glass, granite, ceramic and silicon.

Typical Chemical Analysis:

Al ₂ O ₃	95.13%
TiO ₂	2.31%
SiO ₂	1.13%
Fe ₂ O ₃	0.21%

Physical Properties:

Color	Brown
Shape	Blocky, edge sharp
Crystal form	Alpha Alumina trigonal shape
SG	3.86
Hardness	9.0 Mohs scale

Grain Sizes Available (F):

12	14	16	20	22	24	30	36	40	46	54	60	70	80	90	100	120	150	180	220	240
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Microgrit Sizes Available (F):

240	280	320	360	400	500	600	800	1000	1200
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Grain Size Distribution :

Upon ANSI B74.12-2001, FEPA-Standard 42-1:2006 or ISO 8486-1.

Packaging:

1 Ton Jumbo Bags / 25 Kg PP or Paper Bags