



Brown Fused Alumina

BFA - Abrasive Blasting Grades

PRODUCT SPECIFICATION SHEET

Typical Chemical Composition

	%
Al ₂ O ₃	+95.5
TiO ₂	2.40
Fe ₂ O ₃	<0.13
SiO ₂	<0.95
MgO	0.20
CaO	0.35

Typical Physical Properties

Hardness	9 mohs
Shape	Angular
Specific Gravity	3.9 to 4.1 g/cm ³
Bulk Density	1.5 - 2.1 g/cm ³

Abrasive Grades

Designation	Metric -mm	Inch
BG-A	0.06 - 0.12	0.0024-0.0048
BG-B	0.12 - 0.25	0.0048 - 0.010
BG-C	0.25 - 0.50	0.010 - 0.020
BG-1	0.50 - 1.00	0.020 - 0.040
BG-2	1.00 - 2.00	0.040 -0.080
BG-3	1.00 - 3.00	0.040 - 0.120

FEPA Grades

FEPA	µm
F 008	2000 - 2800
F 010	1700 - 2360
F 012	1400 - 2000
F 014	1180 - 1700
F 016	1000 - 1400
F 020	850 - 1180
F 022	710 - 1000
F 024	600 - 850
F 030	500 - 710
F 036	425 - 600
F 040	355 - 500
F 046	300 - 425
F 054	250 - 355
F 060	212 - 300
F 070	180 - 250
F 080	150 - 212
F 090	125 - 180
F 100	106 - 150
F 120	90 - 125
F 150	63 - 106
F180	63 - 90
F 220	53 - 75



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