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BROWN ALUMINIUM OXIDE

TRADE NAME

BLASTRITE ALUMINIUM OXIDE

DESCRIPTION

BLASTRITE ALUMINIUM OXIDE is an extremely hard brown fused alumina which is very resistant against fracturing on impact. It is the second hardest mineral after a diamond.

FUNCTION

BLASTRITE's high density and angular sharpness make it one of the fastest, most versatile and economical cutting media available for abrasive blasting applications from cleaning and deburring to etching and finishing. Typically used on stainless steels and other non-ferrous metals.

CHEMICAL ANALYSIS

SiO ₂	1.90%
Al ₂ O ₃	92.00%
Fe ₂ O ₃	2.20%
TiO ₂	2.80%
Other Oxides	1.00%

TECHNICAL DATA

Hardness	9 (MOHS)
Specific weight	3.85 g/cm ³
Bulk weight	1.49 – 1.90 kg/L
Particle shape	Angular and sharp
Storage	in cool, ventilated area
Packaging	25Kg bags, 1 ton pallet

SIEVING RANGE

CODE	SIZE RANGE (micron)	PROFILE RANGE (micron)
F14	1000 - 1700	180 – 120
F16	850 - 1400	150 - 100
F20	710 - 1180	120 – 80
F36	355 - 600	85 – 60
F60	180 - 300	75 – 45
F80	125 – 212	55 – 25
F100	75 – 150	50 – 20
F150	45 - 106	30 - 15