

BROWN FUSED ALUMINUM OXIDE

Brown Fused Aluminum Oxide is an extremely aggressive and hard abrasive used primarily for blasting non-ferrous surfaces where ferric contamination is a concern. Brown Fused Aluminum Oxide applications include stainless steel fabrication, precision aviation and turbine blasting, internal pipe blasting, and the cleaning of non-ferrous castings. Brown Fused Aluminum Oxide is most commonly used in abrasive blast cabinets. Brown Fused Aluminum Oxide's high bulk density, hardness, and angular shape give it an aggressiveness that provides a clean, fast-cutting action, considerably increasing production rates.

NO FERROUS CONTAMINATION

Brown Fused Aluminum Oxide abrasive is more than 95% pure aluminum oxide. Blasting with Brown Fused Aluminum Oxide will not promote ferric contamination or rust on your surface. This makes Brown Fused Aluminum Oxide the preferred abrasive choice in applications where ferrous contamination is a concern.

INCREASED PRODUCTION

Brown Fused Aluminum Oxide's higher bulk density and high hardness results in more energy being transferred to the work surface than mineral or slag abrasives, easily removing surface contamination, rust, and mill scale. Brown Fused Aluminum Oxide's uniform particle size provides consistent coverage and surface finish, increasing production rates.

RECYCLABILITY

The low friability of Brown Fused Aluminum Oxide allows it to be recycled up to seven times or more. Unlike mineral or slag abrasives, Brown Fused Aluminum Oxide will not completely shatter when it hits a surface, keeping its relative size. Recycling Brown Fused Aluminum Oxide increases profitability by reducing abrasive consumption, shipping, cleanup, and disposal costs. Abrasive blast cabinets provide the best recyclability rate.



PHYSICAL CHARACTERISTICS

Shape: Angular
Hardness: Mohs 9.0
Bulk density: 105–125 lbs./Cu. Ft.
Specific gravity: 3.8 G/cc
Free silica: Less than 1%
Manufactured product

BLASTING CONDITIONS

Recommended nozzle pressure: 80–110 psi
Recommended working distance from surface: 6–36 inches

AVAILABLE SIZES

16, 20, 24, 30 (Coarse) – Typical Profile: 3.0–4.0 mils
36, 46, 54, 60, 70, 80 (Medium) – Typical Profile: 2.0–2.5 mils
90, 100, 120, 150, 180 (Fine) – Typical Profile: 1.0–2.0 mils
220, 240 (Extra-Fine) – Typical Profile: 0.5 mils

PACKAGING OPTIONS

Bulk Bags: 2,000 and 3,000 lbs
Drum: 400lb fiber
Bags: 50 lbs

BROWN FUSED ALUMINUM OXIDE

Screen Analysis

Specification	100% Min	20% Max	40% Min	70% Min	3% Max Through
Grit Size	Sieve	Sieve	Sieve	Sieve	Sieve
16	10	14	16	16+18	20
20	12	16	18	18+20	25
24	16	20	25	25+30	35
30	18	25	30	30+35	40
36	20	30	35	35+40	45
46	30	40	45	45+50	60
54	35	45	50	50+60	70
60	40	50	60	60+70	80
70	45	60	70	70+80	100
80	80	70	80	80+100	120
90	60	80	100	100+120	140
100	70	100	120	120+140	200
120	80	120	140	140+170	230
150	100	140	170+200	170+200+230	325
180	120	170	200+230	200+230+270	Pan
220	140	200	230+270	230+270+325	Pan
240	170	200	230+270	230+270+325	Pan

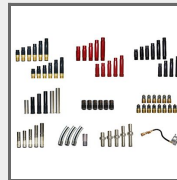
OPTIONAL ACCESSORIES

Blast Hose



Blastmaster® Abrasive Blasting Hose is available in standard lengths of 50, 100 and 400 feet, and custom lengths up to 200 feet.

Blast Nozzles



A wide variety of blast nozzles are available to meet even the most challenging work site requirements.

Blastmaster® Abrasive Metering Valves



Marco's wide selection of Blastmaster® Abrasive Metering Valves give you variable and instant abrasive control for great results on every work site.

Couplings And Blast Nozzle Holders



Marco offers several types of couplings and blast nozzle holders to meet the needs of a wide variety of applications.

ABRASIVES
BLASTING
COATING
DUST COLLECTORS & VACUUMS
ENGINEERED SYSTEMS
RENTAL
SAFETY
SERVICE & REPAIR

WWW.MARCO.US
800.BLAST.IT
800.252.7847
563-324-2519
FAX: 563.324.6258
SALES@MARCO.US