






**NATIONAL
ENTERPRISES** 

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ALUMINIUM OXIDE

We keep an inventory of various sizes and types of aluminium oxide abrasives at our units. It is a durable, sharp-cutting, and long-lasting grit used in blasting, grinding, surface preparation, and blast cleaning of motorheads, valves, cylinders, turbine sharp edges, etc. for both ferrous and non-ferrous components.

Aluminium oxide media will expel stores from your substrate at double the speed of sand. This product has high toughness and hardness for industrial operations, such as cleaning turbine blades and engine parts. Aluminium oxide quick-cutting action is effective on difficult-to-remove debris from hard metal surfaces, as well as engraving monument markers. It is also commonly used in anti-skid and non-slip applications. Aluminium oxide abrasive grain is one of the best decisions for rough sandblasting and cleaning the grain, as well as to set up a surface for painting. It is an extreme, medium-thickness abrasive known to be financially savvy in shooting forms because of its recyclability, which keeps the need to habitually buy extra impacting media supplies. Also, aluminium oxide impact media is known for its high thickness and precise sharpness, which makes it among the most adaptable of the impacting media types for use in dry impacting forms.

VIRGIN

- Abrasive Material - Corundum (Virgin Grade)
- Aluminium Oxide Content - 90% min.
- Hardness on MOH Scale - 09 min.
- Specific Gravity - 3.9 min.

COMMERCIAL

- Abrasive Material - Emery, Synthetic (Commercial Quality)
- Aluminium Oxide Content - 60% min. Magnetic Material 15% Max.
- Hardness on MOH Scale - 08 min.
- Specific Gravity - 3.6 min.

SALIENT FEATURES

- Fastest Cutting Abrasive.
- Recommended for Ferrous & Non Ferrous Components.
- High toughness and hardness.
- Cleans at a faster rate than sand.
- Environment friendly and recyclable.

MANUFACTURERS, EXPORTERS AND DISTRIBUTORS OF:

BLAST ROOM ENCLOSURES, AIRLESS AND AIR OPERATED BLASTING MACHINES, INDUSTRIAL DUST COLLECTORS, PAINTING EQUIPMENT AND BOOTHS, COMPLETE RANGE OF BLAST MEDIA, ABRASIVE GRIT, SHOT, SPARES AND CONSUMABLES - AVAILABLE READY STOCK



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SIZE CHART

S. NO.	IS GRIT NUMBER	SIZE IN MM	Particle Size Range (mm)	Equivalent BS Sieve Range	Retention Min By %
1	16	0.180	1.40 - 1.00	14 - 16	50%
2	20	0.300	1.00 - 0.710	18 - 22	50%
3	24	0.425	0.710 - 0.425	25 - 36	50%
4	36	0.710	0.500 - 0.300	36 - 52	50%
5	60	1.00	0.355 - 0.180	60 - 85	50%
6	80	1.18	0.250 - 0.150	75 - 100	50%
7	100	1.40	0.212 - 0.125	85 - 120	50%
8	120	1.70	0.180 - 0.106	100 - 150	50%
9	220	2.00	0.090 - 0.045	240 - 350	50%

OTHER IMPURITIES

SiO ₂	1.00% Max.
CaO	1.00% Max.
Fe ₂ O ₃	0.50% Max.
TiO ₂	2.2 - 3.0%
Free Iron	0.40% Max.

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