



PAN MARINE BLASTING ABRASIVES PTE LTD

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ALUMINIUM OXIDE

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Al₂O₃ have the characteristics of high hardness (second hardest mineral after diamond), sharpness, tenacity, stable chemical property, heat resisting and corrosion resisting. This sharp angular abrasive is fast cutting and does not contain free silica. It gives a matt finish, or produces anchor patterns on most metal surfaces and can be used economically in closed system blasting machine.

APPLICATIONS

The range of application is limitless for blasting, lapping, polishing, etc..., the removal of sand from casting or surface preparation prior to enameling, plating or bonding; etching; descaling; deburring; cleaning moulds: glass carvings and decorative works in glass industry.

PHYSICAL PROPERTIES

	<u>BROWN</u>	<u>WHITE</u>
Colour	Dark Brown	White
Nature	Hard & Tough	Hard & Tough
S.G.	3.92	3.92
Melting Point	2000°C	2000°C
MOH'S	9.0	9.0

CHEMICAL COMPOSITION

	<u>BROWN</u>	<u>WHITE</u>
Al ₂ O ₃	95.0	99.30
SiO ₂	0.72	0.07
Fe ₂ O ₃	1.00	0.04
TiO ₂	3.00	----
CaO	0.30	0.04
Na ₂ O	----	0.48

GRIT SPECIFICATIONS

<u>Grade</u>	<u>Micron</u>
24	710~850
36	500~600
46	355~425
80	180~212
100	125~150
120	106~125
150	75~106
220	53~75

Others sizes are also available.