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TECHNICAL DATA SHEET

PRODUCT: BROWN FUSED ALUMINA

SIZE:P240-P2500

Brown fused alumina is made from Calcined Bauxite. It is a hard and tough material, used in grinding wheels manufacturing (both vitrified and resin bonded) and coated products. These grains are also used for shot blasting and as polishing media.

AVERAGE CHEMICAL COMPOSITION(TYPICAL)

Al ₂ O ₃	93.5-97.5%
TiO ₂	1.7-3.4%
Fe ₂ O ₃	≤0.50%
SiO ₂	≤2.00%

PHYSICAL PROPERTIES(TYPICAL)

Specific Gravity	≥3.90g/cm ³
Mohs Hardness	9.0
Bulk Density	1.53-1.99g/cm ³
Melting Point	2250°C

PARTICLE SIZE DISTRIBUTION

Size	D0 (μm)	D3 (μm)	D50 (μm)	D95 (μm)
P240	≤110	≤81.7	58.5±2.0	≥44.5
P280	≤101	≤74.0	52.2±2.0	≥39.2
P320	≤94	≤66.8	46.2±1.5	≥34.2
P360	≤87	≤60.3	40.5±1.5	≥29.6
P400	≤81	≤53.9	35.0±1.5	≥25.2
P500	≤77	≤48.3	30.2±1.5	≥21.5
P600	≤72	≤43.0	25.8±1.0	≥18.0
P800	≤67	≤38.1	21.8±1.0	≥15.1
P1000	≤63	≤33.7	18.3±1.0	≥12.4
P1200	≤58	≤29.7	15.3±1.0	≥10.2
P1500	≤58	≤25.8	12.6±1.0	≥8.3
P2000	≤58	≤22.4	10.3±0.8	≥6.7
P2500	≤58	≤19.3	8.4±0.5	≥5.4

MAIN APPLICATIONS

- Bonded Abrasives and Coated abrasives
- Wet and dry blast media, grinding and polishing etc
- PCB plate(PCBA,FPC,LED) blasting
- Polishing wax, Grinding stones, polishing pads etc
- removal of scale, rust and old coatings

PACKAGING:25kgs PVC bags+1MT big bag

The shown values are typical characteristics of the material and shall not be used to prepare specifications. They are submitted to tolerances of the production and meet the present standard of technique. We reserve our right for changes within the scope of technical progress or internal improvement..