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TECHNICAL DATA SHEET

PRODUCT: BROWN ALUMINUM OXIDE MICROPOWDER

Brown Aluminum oxide 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% |
| CaO | ≤0.50% |

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 |
| Refractoriness | 1900°C |

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
- ...

AVAILABLE SIZES

FEPA :F230 F240 F280 F320 F360 F400 F500 F600 F800

JIS:#240 #280 #320 #360 #400 #500 #600 #700 #800 #1000 #1200 #1500 #2000

P:P240 P280 P320 P360 P400 P500 P600 P800 P1000 P1200 P1500 P2000

W:W63 W50 W40 W28 W20 W14 W10 W7

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..