

ZHENGZHOU HAIXU ABRASIVES CO.,LTD  
EMAIL:SALES@ZZHAIXU.CN  
MP/WECHAT/WHATSAPP:+8615838373120  
WEBSITE:http://hbfa.net

## TECHNICAL DATA SHEET

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### **PRODUCT:** BROWN CORUNDUM MICROPOWDER

Brown Corundum 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 <sub>2</sub> O <sub>3</sub>	93.5-97.5%
TiO <sub>2</sub>	1.7-3.4%
Fe <sub>2</sub> O <sub>3</sub>	≤0.50%
SiO <sub>2</sub>	≤2.00%
CaO	≤0.50%

### **PHYSICAL PROPERTIES(TYPICAL)**

Specific Gravity	≥3.90g/cm <sup>3</sup>
Mohs Hardness	9.0
Bulk Density	1.53-1.99g/cm <sup>3</sup>
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

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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..