

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

## TECHNICAL DATA SHEET

**PRODUCT:** BROWN CORUNDUM

**SIZE:**F014

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>	95.0-97.5%
TiO <sub>2</sub>	1.7-3.4%
Fe <sub>2</sub> O <sub>3</sub>	≤0.30%
SiO <sub>2</sub>	≤1.00%
CaO	≤0.42%

### **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

### **PARTICLE SIZE DISTRIBUTION**

MESH	UM	RETAINED %
+8	+2360	0
+12	+1700	≤20
+14	+1400	≥45
+14+16	+1400+1180	≥70
+14+16+18	+1400+1180+1000	*
-18	-1000	≤3

### **MAIN APPLICATIONS**

- Bonded Abrasives and Coated abrasives
- Wet and dry blast media,grinding media,polishing media and sponge media etc
- PCB plate(PCBA,FPC,LED) blasting
- Polishing wax,Grinding stones,polishing pads etc
- removal of scale, rust and old coatings
- ceramics,padding,filler etc
- Grinding wheels,Cutting wheels,cutting disc etc
- brake and friction linings

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**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..