



## WHITE FUSED ALUMINA JIS320# TECHNICAL DATA SHEET 白刚玉 360# (W50) 技术参数表

**PRODUCT/产品:** White Fused Alumina JIS360#/白刚玉 360#(W50)

**CHEMICAL COMPOSITION/化学成分:**

Item	Guarantee Value/保证值 (%)	Typical Value/典型值 (%)
Al <sub>2</sub> O <sub>3</sub>	≥99.2	99.45
Fe <sub>2</sub> O <sub>3</sub>	≤0.04	0.03
SiO <sub>2</sub>	≤0.20	0.05
Na <sub>2</sub> O	≤0.30	0.20
MgO	≤0.05	0.03
CaO	≤0.05	0.02
K <sub>2</sub> O	≤0.05	0.02

**PHYSICAL PROPERTIES/物理指标:**

Specific Weight/比重	Hardness/硬度	PH Value/PH 值	Melting Point/熔点
3.95 g/cm <sup>3</sup>	9.0Mohs scale	7-9.5	2050°C

**PARTICLE SIZE DISTRIBUTION/粒度分布:** (Laser Analyzer LS609/激光粒度分析仪 LS609):

Size	Guarantee Value 保证值	Typical Value 典型值
D10(um)	≥26	26.798
D50(um)	42-48	44.525
D90(um)	≤75	72.138

**APPLICATIONS/应用场景:**

- Semiconductor industry panel grinding, carbon fiber extrusion plate grinding, etc. / 半导体行业面板研磨、碳纤维拉挤板研磨等。
- Grinding tool products such as oilstones, grinding fluids, and diamond dry polishing wheel. / 油石、研磨液、金刚石干磨片等磨具产品。
- Zinc rich coatings, polyurethane coatings and other coating products. / 富锌涂料、聚氨酯涂料等涂料产品。
- Ceramic products such as alumina insulation board, alumina ceramic membrane tube,

ceramic wear-resistant layer, etc. / 氧化铝绝缘板、氧化铝陶瓷膜管、陶瓷耐磨层等陶瓷制品。

- Precise grinding and micro blasting for Inox, aluminum alloy, tungsten-molybdenum alloy etc. / 不锈钢、铝合金、钨钼等金属精细研磨和微喷砂。
- Grinding and polishing of non-metallic products such as glass and ceramics. / 非金属例如玻璃、陶瓷等产品研磨抛光。
- Reinforced wood flooring wear-resistant layer. / 强化木地板耐磨层。
- Wear resistant fillers for composite materials such as glass, resin, and carbon fiber. / 玻璃、树脂、碳纤维等复合材料耐磨填料。
- Refractory & Precision Casting. / 耐火材料和精密铸造壳型材料。

#### **PACKAGE/包装：**

25kgs/Bag+1Ton/Jumbo Bag / 25 公斤小袋+1 吨吨包

25kgs/Bag+1Ton/Pallet / 25 公斤小袋+1 吨吨包

Customized Package such as paper bag are available / 可接受纸袋等定制包装