



WHITE FUSED ALUMINA JIS3000# TECHNICAL DATA SHEET 白刚玉 4000# (W3.5) 技术参数表

PRODUCT/产品: White Fused Alumina JIS4000#/白刚玉 4000#(W3.5)

CHEMICAL COMPOSITION/化学成分:

| Item | Guarantee Value/保证值 (%) | Typical Value/典型值 (%) |
|--------------------------------|-------------------------|-----------------------|
| Al ₂ O ₃ | ≥99.2 | 99.60 |
| Fe ₂ O ₃ | ≤0.04 | 0.02 |
| SiO ₂ | ≤0.20 | 0.12 |
| Na ₂ O | ≤0.30 | 0.21 |
| MgO | ≤0.05 | 0.03 |
| CaO | ≤0.05 | 0.03 |
| K ₂ 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 ³ | 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) | ≥1.5 | 1.885 |
| D50(um) | 3.2-4.0 | 3.837 |
| D90(um) | ≤7 | 6.313 |

APPLICATIONS/应用场景 :

- 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。
- 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