



WHITE FUSED ALUMINA JIS1000# TECHNICAL DATA SHEET 白刚玉 1000# (W20) 技术参数表

PRODUCT/产品: White Fused Alumina JIS1000#/白刚玉 1000#(W20)

CHEMICAL COMPOSITION/化学成分:

Item	Guarantee Value/保证值 (%)	Typical Value/典型值 (%)
Al ₂ O ₃	≥99.2	99.55
Fe ₂ O ₃	≤0.04	0.02
SiO ₂	≤0.20	0.11
Na ₂ O	≤0.30	0.22
MgO	≤0.05	0.04
CaO	≤0.05	0.03
K ₂ O	≤0.05	0.04

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)	≥8	9.633
D50(um)	14-17	16.111
D90(um)	≤28	26.379

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