



白刚玉 F12 技术参数表

WHITE FUSED ALUMINA F12 TECHNICAL DATA SHEET

PRODUCT/产品: 白刚玉 F12/White Fused Alumina F12

CHEMICAL COMPOSITION/化学成分:

Item	Guarantee Value/保证值 (%)	Typical Value/典型值 (%)
Al ₂ O ₃	≥99.2	99.46
Fe ₂ O ₃	≤0.1	0.03
SiO ₂	≤0.1	0.04
Na ₂ O	≤0.4	0.27
MgO	≤0.02	0.01
CaO	≤0.05	0.02
K ₂ O	≤0.03	0.03

PHYSICAL PROPERTIES/物理指标:

Specific Weight/比重	Hardness/硬度	Bulk Density/堆积密度	Melting Point/熔点
3.95 g/cm ³	9.0Mohs scale	1.73-1.83g/cm ³	2050°C

PARTICLE SIZE DISTRIBUTION/粒度分布:

Grit 粒度	Mesh#目数	Mesh size(um)目数尺寸	Weight Standard(%) 重量占比	Typical Value(%) 典型值
Coarsest Grit 最粗粒	+7	2800	0	0
Coarse Grit 粗粒	+10	2000	Max. 20	8.2
Basic Grit 基本粒	+12	1700	Min. 45	48.6
Mixed Grit 混合粒	+12 +14	1700 1400	Min. 70	87.2
Fine Grit 细粒	-16	1180	Max. 3	0.5

APPLICATIONS/应用场景:

- Resin Bonded Abrasives and Vitrify Bonded Abrasives/ 树脂砂粒和陶瓷砂粒等固结磨具
- Wear Resistance Floor Coating and anti-slip material/ 耐磨地坪涂料和摩擦材料
- Alumina Ceramics/ 氧化铝陶瓷

- Refractory / 耐火材料
- Blasting and grinding/ 喷砂和研磨

Package/包装:

25 公斤编织袋+吨包 / 25kgs/Bag+1Ton/Jumbo Bag

25 公斤编织袋+1 吨托盘/ 25kgs/Bag+1Ton/Pallet

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