



白刚玉 F100 技术参数表

WHITE FUSED ALUMINA F100 TECHNICAL DATA SHEET

PRODUCT/产品: 白刚玉 100#/White Fused Alumina F100

CHEMICAL COMPOSITION/化学成分:

Item	Guarantee Value/保证值 (%)	Typical Value/典型值 (%)
Al ₂ O ₃	≥99.2	99.45
Fe ₂ O ₃	≤0.1	0.04
SiO ₂	≤0.1	0.03
Na ₂ O	≤0.4	0.27
MgO	≤0.02	0.02
CaO	≤0.05	0.03
K ₂ O	≤0.03	0.02

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	1.58-1.68g/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	+70	212	0	0
Coarse Grit 粗粒	+100	150	Max. 20	12.6
Basic Grit 基本粒	+120	125	Min. 40	55.7
Mixed Grit 混合粒	+120 +140	125 106	Min. 65	78.3
Fine Grit 细粒	-200	75	Max. 3	1.2

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 & Precision Casting/ 耐火材料和精密铸造壳型材料
- 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