



白刚玉 F54 技术参数表

WHITE FUSED ALUMINA F54

TECHNICAL DATA SHEET

PRODUCT/产品: White Fused Alumina F54/白刚玉 F54

CHEMICAL COMPOSITION/化学成分:

Item	Guarantee Value/保证值 (%)	Typical Value/典型值 (%)
Al ₂ O ₃	≥99.2	99.50
Fe ₂ O ₃	≤0.1	0.03
SiO ₂	≤0.1	0.06
Na ₂ O	≤0.4	0.28
MgO	≤0.02	0.01
CaO	≤0.05	0.02
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	1.66-1.76g/cm ³	2050°C

PARTICLE SIZE DISTRIBUTION/粒度分布:

Grit 粒度	Mesh#目数	Mesh size(um)筛网尺寸	Weight Standard(%)标准值	Typical Value(%)典型值
Coarsest Grit 最粗粒	+35	500	0	0
Coarse Grit 粗粒	+45	355	Max. 30	7.4
Basic Grit 基本粒	+50	300	Min. 40	47.7
Mixed Grit 混合粒	+50 +60	300 250	Min. 65	82.6
Fine Grit 细粒	-70	212	Max. 3	1.1

APPLICATIONS/应用场景:

- Resin Bonded Abrasives and Vitrify Bonded Abrasives/ 树脂砂轮和陶瓷砂轮等固结磨具
- 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