



WHITE FUSED ALUMINA F46 TECHNICAL DATA SHEET 白刚玉 F46 技术参数表

PRODUCT/产品: White Fused Alumina F46/白刚玉 F46

CHEMICAL COMPOSITION/化学成分:

Item	Guarantee Value/保证值 (%)	Typical Value/典型值 (%)
Al ₂ O ₃	≥99.2	99.48
Fe ₂ O ₃	≤0.1	0.02
SiO ₂	≤0.1	0.02
Na ₂ O	≤0.4	0.24
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	1.68-1.78g/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	+30	600	0	0
Coarse Grit 粗粒	+40	425	Max. 30	10.6
Basic Grit 基本粒	+45	355	Min. 40	48.9
Mixed Grit 混合粒	+45 +50	355 300	Min. 65	82.5
Fine Grit 细粒	-60	250	Max. 3	1.0

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