



WHITE FUSED ALUMINA F60 TECHNICAL DATA SHEET 白刚玉 F60 技术参数表

PRODUCT/产品: White Fused Alumina F60/白刚玉 F60

CHEMICAL COMPOSITION/化学成分:

Item	Guarantee Value/保证值 (%)	Typical Value/典型值 (%)
Al ₂ O ₃	≥99.2	99.67
Fe ₂ O ₃	≤0.1	0.02
SiO ₂	≤0.1	0.04
Na ₂ O	≤0.4	0.21
MgO	≤0.02	0.01
CaO	≤0.05	0.03
K ₂ O	≤0.03	0.01

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#	Mesh size(um)	Weight Standard(%)	Typical Value(%)
Coarsest Grit 最粗粒	+40	425	0	0
Coarse Grit 粗粒	+50	300	Max. 30	6.8
Basic Grit 基本粒	+60	250	Min. 40	50.6
Mixed Grit 混合粒	+60 +70	250 212	Min. 65	89.4
Fine Grit 细粒	-80	180	Max. 3	0.9

APPLICATIONS/应用场景:

- Resin Bonded Abrasives and Vitriify 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