



## WHITE FUSED ALUMINA F150 TECHNICAL DATA SHEET 白刚玉 F150 技术参数表

**PRODUCT/产品:** White Fused Alumina F150/白刚玉 F150

**CHEMICAL COMPOSITION/化学成分:**

Item	Guarantee Value/保证值 (%)	Typical Value/典型值 (%)
Al <sub>2</sub> O <sub>3</sub>	≥99.2	99.52
Fe <sub>2</sub> O <sub>3</sub>	≤0.1	0.04
SiO <sub>2</sub>	≤0.1	0.05
Na <sub>2</sub> O	≤0.4	0.26
MgO	≤0.02	0.01
CaO	≤0.05	0.03
K <sub>2</sub> 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 <sup>3</sup>	9.0Mohs scale	1.72-1.80g/cm <sup>3</sup>	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	+100	150	0	0
Coarse Grit 粗粒	+140	106	Max. 15	9.1
Basic Grit 基本粒	+200	75	Min. 40	46.2
Mixed Grit 混合粒	+200 +230	75 63	Min. 65	85.4
Fine Grit 细粒	-325	45	Max. 3	1.0

**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