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SICHENG ABRASIVES

BROWN FUSED ALUMINA F150 TECHNICAL DATA SHEET 棕刚玉 F150 技术参数表

PRODUCT/产品: Brown Fused Alumina F150/棕刚玉 F150

CHEMICAL COMPOSITION/化学成分:

Item	Guarantee Value/保证值 (%)	Typical Value/典型值 (%)
Al ₂ O ₃	≥93	94.06
Fe ₂ O ₃	≤0.3	0.25
SiO ₂	≤2.0	1.76
TiO ₂	1.50-4.0	2.82
CaO	≤0.50	0.34
Magnetic Content	≤0.044	0.04

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	1.52-1.66g/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	+100	150	0	0
Coarse Grit 粗粒	+140	106	Max. 15	10.6
Basic Grit 基本粒	+200	75	Min. 40	52.7
Mixed Grit 混合粒	+200 +230	75 63	Min. 65	78.8
Fine Grit 细粒	-325	45	Max. 3	0.3

APPLICATIONS/应用场景:

- Bonded Abrasives/ 固结磨具
- Wear Resistance Floor/ 耐磨地坪
- Alumina Ceramics/ 氧化铝陶瓷
- Refractory/ 耐火材料
- Blasting/ 喷砂