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SICHENG ABRASIVES

BROWN FUSED ALUMINA F60 TECHNICAL DATA SHEET 棕刚玉 F60 技术参数表

PRODUCT/产品: Brown Fused Alumina F60/棕刚玉 F60

CHEMICAL COMPOSITION/化学成分:

Item	Guarantee Value/保证值 (%)	Typical Value/典型值 (%)
Al ₂ O ₃	≥94	95.06
Fe ₂ O ₃	≤0.3	0.22
SiO ₂	≤1.2	1.12
TiO ₂	1.5-3.8	2.56
CaO	≤0.45	0.30
Magnetic Content	≤0.054	0.033

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	1.66-1.75g/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	8.2
Basic Grit 基本粒	+60	250	Min. 40	51.3
Mixed Grit 混合粒	+60 +70	250 212	Min. 65	89.4
Fine Grit 细粒	-80	180	Max. 3	1.1

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