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SICHENG ABRASIVES

BROWN FUSED ALUMINA F24 TECHNICAL DATA SHEET 棕刚玉 F24 技术参数表

PRODUCT/产品: Brown Fused Alumina F24/棕刚玉 F24

CHEMICAL COMPOSITION/化学成分:

Item	Guarantee Value/保证值 (%)	Typical Value/典型值 (%)
Al ₂ O ₃	≥95	95.12
Fe ₂ O ₃	≤0.3	0.19
SiO ₂	≤1.5	1.20
TiO ₂	≤3.0	2.74
CaO	≤0.45	0.37
Magnetic Content	≤0.05	0.042

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	1.78-1.87g/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	+16	1180	0	0
Coarse Grit 粗粒	+20	850	Max. 25	4.0
Basic Grit 基本粒	+25	710	Min. 45	65
Mixed Grit 混合粒	+25 +30	710 600	Min. 65	89.2
Fine Grit 细粒	-35	500	Max. 3	0.2

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