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SICHENG ABRASIVES

BROWN FUSED ALUMINA F36 TECHNICAL DATA SHEET 棕刚玉 F36 技术参数表

PRODUCT/产品: Brown Fused Alumina F36/棕刚玉 F36

CHEMICAL COMPOSITION/化学成分:

Item	Guarantee Value/保证值 (%)	Typical Value/典型值 (%)
Al ₂ O ₃	≥95	95.37
Fe ₂ O ₃	≤0.3	0.17
SiO ₂	≤1.5	1.32
TiO ₂	≤3.0	2.45
CaO	≤0.45	0.35
Magnetic Content	≤0.05	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	1.74-1.83g/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	+20	850	0	0
Coarse Grit 粗粒	+30	600	Max. 25	9.1
Basic Grit 基本粒	+35	500	Min. 45	59.5
Mixed Grit 混合粒	+35 +40	500 425	Min. 65	89.6
Fine Grit 细粒	-45	355	Max. 3	0.4

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