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SICHENG ABRASIVES

BROWN FUSED ALUMINA F220 TECHNICAL DATA SHEET 棕刚玉 F220 技术参数表

PRODUCT/产品: Brown Fused Alumina F220/棕刚玉 F220

CHEMICAL COMPOSITION/化学成分:

| Item | Guarantee Value/保证值 (%) | Typical Value/典型值 (%) |
|--------------------------------|-------------------------|-----------------------|
| Al ₂ O ₃ | ≥93.5 | 93.68 |
| Fe ₂ O ₃ | ≤0.3 | 0.24 |
| SiO ₂ | ≤2.0 | 1.74 |
| TiO ₂ | 1.50-4.0 | 3.01 |
| CaO | ≤0.50 | 0.37 |
| Magnetic Content | ≤0.044 | 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 | 1.48-1.60g/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 | +140 | 106 | 0 | 0 |
| Coarse Grit 粗粒 | +200 | 75 | Max. 15 | 11.6 |
| Basic Grit 基本粒 | +230 +270 | 63 53 | Min. 40 | 52.4 |
| Mixed Grit 混合粒 | +230 +270 +325 | 63 53 45 | Min. 60 | 76.8 |
| Pan 筛下 | -325 | 45 | / | 11.6 |

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