

TECHNICAL DATA SHEET

品名: 白刚玉/电熔氧化铝

白刚玉/电熔氧化铝是以优质铝氧化粉为原料，经电熔提炼结晶而成，纯度高、自锐性好、耐酸碱腐蚀、耐高温、热态性能稳定它硬度略高于棕刚玉，韧性稍低，纯度高、自锐性好、磨削能力强、发热量小、效率高、耐酸碱腐蚀、耐高温热稳定性好。

化学成分(典型值)

| | |
|--------------------------------|--------|
| Al ₂ O ₃ | ≥99.5% |
| Na ₂ O | ≤0.35% |
| Fe ₂ O ₃ | ≤0.06% |

物理特性(典型值)

| | |
|------|----------------------------|
| 比重 | ≥3.90g/cm ³ |
| 莫氏硬度 | 9.0 |
| 堆积密度 | 1.75-1.95g/cm ³ |

包装: 25 公斤小袋+吨袋

粒度分布组成

| | | | | | | | | | | |
|------|---------|---|---------|------|------------|------|-----------------|------|---------|-----|
| F8 | +4000um | 0 | +2800um | ≤20% | +2360um | ≥45% | +2360+2000um | ≥70% | -1700um | ≤3% |
| F10 | +3350um | 0 | +2360um | ≤20% | +2000um | ≥45% | +2000+1700um | ≥70% | -1400um | ≤3% |
| F12 | +2800um | 0 | +2000um | ≤20% | +1700um | ≥45% | +1700+1400um | ≥70% | -1180um | ≤3% |
| F14 | +2360um | 0 | +1700um | ≤20% | +1400um | ≥45% | +1400+1180um | ≥70% | -1000um | ≤3% |
| F16 | +2000um | 0 | +1400um | ≤20% | +1180um | ≥45% | +1180+1000um | ≥70% | -850um | ≤3% |
| F20 | +1700um | 0 | +1180um | ≤20% | +1000um | ≥45% | +1000+850um | ≥70% | -710um | ≤3% |
| F22 | +1400um | 0 | +1000um | ≤20% | +850um | ≥45% | +850+710um | ≥70% | -600um | ≤3% |
| F24 | +1180um | 0 | +850um | ≤25% | +710um | ≥45% | +710+600um | ≥65% | -500um | ≤3% |
| F30 | +1000um | 0 | +710um | ≤25% | +600um | ≥45% | +600+500um | ≥65% | -425um | ≤3% |
| F36 | +850um | 0 | +600um | ≤25% | +500um | ≥45% | +500+425um | ≥65% | -355um | ≤3% |
| F46 | +600um | 0 | +425um | ≤30% | +355um | ≥40% | 355+300um | ≥65% | -250um | ≤3% |
| F54 | +500um | 0 | +355um | ≤30% | +300um | ≥40% | +300+250um | ≥65% | -212um | ≤3% |
| F60 | +425um | 0 | +300um | ≤30% | +250um | ≥40% | 250+212um | ≥65% | -180um | ≤3% |
| F70 | +355um | 0 | +250um | ≤25% | +212um | ≥40% | +212+180um | ≥65% | -150um | ≤3% |
| F80 | +300um | 0 | +212um | ≤25% | +180um | ≥40% | +180+150um | ≥65% | -125um | ≤3% |
| F90 | +250um | 0 | +180um | ≤20% | +150um | ≥40% | +150+125um | ≥65% | -106um | ≤3% |
| F100 | +212um | 0 | +150um | ≤20% | +125um | ≥40% | +125+106um | ≥65% | -75um | ≤3% |
| F120 | +180um | 0 | +125um | ≤20% | ≥40% | ≥40% | +106+90um | ≥65% | -63um | ≤3% |
| F150 | +150um | 0 | +106um | ≤15% | +75um | ≥40% | +75+63um | ≥65% | -45um | ≤3% |
| F180 | +125um | 0 | +90um | ≤15% | +75um+63um | ≥40% | +75um+63um+53um | ≥65% | | |
| F220 | +106um | 0 | +75um | ≤15% | +63um+53um | ≥40% | +63um+53um+45um | ≥60% | | |

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