

产品规格书

黑碳化硅粒度砂

黑碳化硅是用石英砂、石油焦、木屑等原料通过电阻炉高温冶炼而成。

化学成分

| SiC | Fe ₂ O ₃ | F. C |
|------------|--------------------------------|--------|
| 98.0-99.2% | ≤0.15% | ≤0.20% |

物理特性

| 莫氏硬度 | 比重 | 最高使用温度 | 熔点 |
|------|------------------------|--------|--------|
| 9.15 | ≥3.90g/cm ³ | 1900°C | 2250°C |

粒度砂粒度组成标准

| | | | | | | | | | | |
|------|---------|---|---------|------|---------|------|----------------|------|-----------------|------|
| F8 | +4000UM | 0 | +2800UM | ≤20% | +2360UM | ≥45% | +2360UM+2000UM | ≥70% | -1700UM | ≤3% |
| F10 | +3350UM | 0 | +2360UM | ≤20% | +2000UM | ≥45% | +2000UM+1700UM | ≥70% | -1400UM | ≤3% |
| F12 | +2800UM | 0 | +2000UM | ≤20% | +1700UM | ≥45% | +1700UM+1400UM | ≥70% | -1180UM | ≤3% |
| F14 | +2360UM | 0 | +1700UM | ≤20% | +1400UM | ≥45% | +1400UM+1180UM | ≥70% | -1000UM | ≤3% |
| F16 | +2000UM | 0 | +1400UM | ≤20% | +1180UM | ≥45% | +1180UM+1000UM | ≥70% | -850UM | ≤3% |
| F20 | +1700UM | 0 | +1180UM | ≤20% | +1000UM | ≥45% | +1000UM+850UM | ≥70% | -710UM | ≤3% |
| F22 | +1400UM | 0 | +1000UM | ≤20% | +850UM | ≥45% | +850UM+710UM | ≥70% | -600UM | ≤3% |
| F24 | +1180UM | 0 | +850UM | ≤25% | +710UM | ≥45% | +710UM+600UM | ≥65% | -500UM | ≤3% |
| F30 | +1000UM | 0 | +710UM | ≤25% | +600UM | ≥45% | +600UM+500UM | ≥65% | -425UM | ≤3% |
| F36 | +850UM | 0 | +600UM | ≤25% | +500UM | ≥45% | +500UM+425UM | ≥65% | -355UM | ≤3% |
| F40 | +710UM | 0 | +500UM | ≤30% | +425UM | ≥40% | +425UM+355UM | ≥65% | -300UM | ≤3% |
| F46 | +600UM | 0 | +425UM | ≤30% | +355UM | ≥40% | +355UM+300UM | ≥65% | -250UM | ≤3% |
| F54 | +500UM | 0 | +355UM | ≤30% | +300UM | ≥40% | +300UM+250UM | ≥65% | -212UM | ≤3% |
| F60 | +425UM | 0 | +300UM | ≤30% | +250UM | ≥40% | +250UM+212UM | ≥65% | -180UM | ≤3% |
| F70 | +355UM | 0 | +250UM | ≤25% | +212UM | ≥40% | +212UM+180UM | ≥65% | -150UM | ≤3% |
| F80 | +300UM | 0 | +212UM | ≤25% | +180UM | ≥40% | +180UM+150UM | ≥65% | -125UM | ≤3% |
| F90 | +250UM | 0 | +180UM | ≤20% | +150UM | ≥40% | +150UM+125UM | ≥65% | -106UM | ≤3% |
| F100 | +212UM | 0 | +150UM | ≤20% | +125UM | ≥40% | +125UM+106UM | ≥65% | -75UM | ≤3% |
| F120 | +180UM | 0 | +125UM | ≤20% | +106UM | ≥40% | +106UM+90UM | ≥65% | -63UM | ≤3% |
| F150 | +150UM | 0 | +106UM | ≤15% | +75UM | ≥40% | +75UM+63UM | ≥65% | -45UM | ≤3% |
| F180 | +125UM | 0 | +90UM | ≤15% | +75UM | * | +75UM+63UM | ≥40% | +75UM+63UM+53UM | ≥65% |
| F220 | +106UM | 0 | +75UM | ≤15% | +63UM | * | +63UM+53UM | ≥40% | +63UM+53UM+45UM | ≥60% |

包装：25 公斤袋装

主要用途：

- 管道耐磨层/航空发动机耐磨层
- 金刚石工具/水墨片/干磨片生产用辅料
- 精密刀具研磨抛光用 高硬度钢刀具研磨，单双面研磨用研磨粉
- 功能陶瓷/功能陶瓷石材/蜂窝陶瓷/建筑陶瓷用
- 高硬度硅片切割/线切割/光伏线切割用
- 轴承加工/轴承超精细加工研磨用
- 加工陶瓷散热片/陶瓷过滤网/陶瓷膜用/发泡陶瓷/反应烧结碳化硅等
- 平双面研磨抛光机粗磨细磨研磨介质
- 硬质合金喷砂研磨，金属研磨抛光，墓碑雕刻用
- 油石/研磨石/磨刀石/刷辊生产用
- 光学玻璃/石材抛光/大理石抛光轮/宝石抛光用/抛光盘抛光
- 光电行业，单晶硅/多晶硅/压电晶体等电子工程中的多线切割研磨用
- 特氟龙涂料/聚四氟乙烯涂料等
- 生产纳米气凝胶新型材料