

# TECHNICAL DATA SHEET

**品名:** 棕刚玉

棕刚玉以优质铝矾土为原料, 无烟煤, 铁霄, 在电弧中经 2000 度以上高温熔炼制成, 经自磨机粉碎 整形, 磁选去铁, 筛分成多种粒度, 其质地致密、硬度高, 粒形成球状, 适用于制造陶瓷、树脂高固结磨具以及研磨、抛光、喷砂、精密铸造等, 还可用于制造高级耐火材料

## 化学成分(典型值)

Al <sub>2</sub> O <sub>3</sub>	95.0-97.5%
TiO <sub>2</sub>	1.7-3.4%
Fe <sub>2</sub> O <sub>3</sub>	≤0.30%
SiO <sub>2</sub>	≤1.00%
CaO	≤0.42%

## 物理特性(典型值)

比重	≥3.90g/cm <sup>3</sup>
莫氏硬度	9.0
堆积密度	1.53-1.99g/cm <sup>3</sup>
熔点	2250°C
耐火度	1900°C

**包装:** 25 公斤小袋+吨袋

## 粒度分布组成

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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