

# 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 <sub>2</sub> O <sub>3</sub>	≥99.5%
Na <sub>2</sub> O	≤0.35%
Fe <sub>2</sub> O <sub>3</sub>	≤0.06%

## 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	1.75-1.95g/cm <sup>3</sup>

**包装:** 25 公斤小袋+吨袋

## 粒度分布组成

#8	+4000um	0	+2800um	≤20%	+2360um	≥45%	+2360+2000um	≥70%	-1700um	≤3%
#10	+3350um	0	+2360um	≤20%	+2000um	≥45%	+2000+1700um	≥70%	-1400um	≤3%
#12	+2800um	0	+2000um	≤20%	+1700um	≥45%	+1700+1400um	≥70%	-1180um	≤3%
#14	+2360um	0	+1700um	≤20%	+1400um	≥45%	+1400+1180um	≥70%	-1000um	≤3%
#16	+2000um	0	+1400um	≤20%	+1180um	≥45%	+1180+1000um	≥70%	-850um	≤3%
#20	+1700um	0	+1180um	≤20%	+1000um	≥45%	+1000+850um	≥70%	-710um	≤3%
#22	+1400um	0	+1000um	≤20%	+850um	≥45%	+850+710um	≥70%	-600um	≤3%
#24	+1180um	0	+850um	≤25%	+710um	≥45%	+710+600um	≥65%	-500um	≤3%
#30	+1000um	0	+710um	≤25%	+600um	≥45%	+600+500um	≥65%	-425um	≤3%
#36	+850um	0	+600um	≤25%	+500um	≥45%	+500+425um	≥65%	-355um	≤3%
#46	+600um	0	+425um	≤30%	+355um	≥40%	355+300um	≥65%	-250um	≤3%
#54	+500um	0	+355um	≤30%	+300um	≥40%	+300+250um	≥65%	-212um	≤3%
#60	+425um	0	+300um	≤30%	+250um	≥40%	250+212um	≥65%	-180um	≤3%
#70	+355um	0	+250um	≤25%	+212um	≥40%	+212+180um	≥65%	-150um	≤3%
#80	+300um	0	+212um	≤25%	+180um	≥40%	+180+150um	≥65%	-125um	≤3%
#90	+250um	0	+180um	≤20%	+150um	≥40%	+150+125um	≥65%	-106um	≤3%
#100	+212um	0	+150um	≤20%	+125um	≥40%	+125+106um	≥65%	-75um	≤3%
#120	+180um	0	+125um	≤20%	≥40%	≥40%	+106+90um	≥65%	-63um	≤3%
#150	+150um	0	+106um	≤15%	+75um	≥40%	+75+63um	≥65%	-45um	≤3%
#180	+125um	0	+90um	≤15%	+75um+63um	≥40%	+75um+63um+53um	≥65%		
#220	+106um	0	+75um	≤15%	+63um+53um	≥40%	+63um+53um+45um	≥60%		

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