

Ceramic Alumina SG-E Technical Data Sheet

陶瓷微晶刚玉 SG-E 产品标准

1. USE 用途

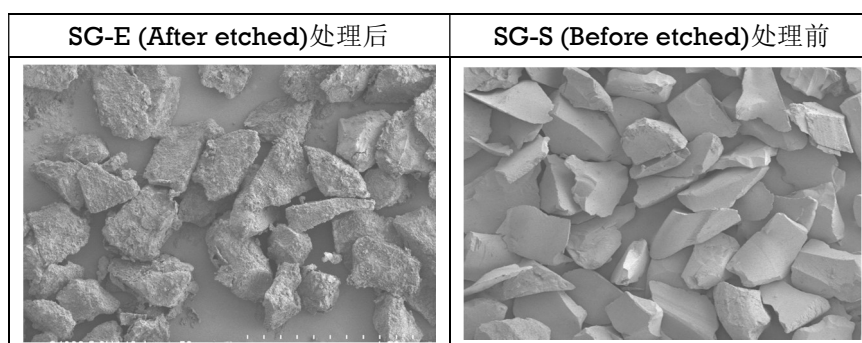
Ceramic alumina SG-E is a kind of abrasive for high efficiency application. The product surface is etched to make rough surface and can achieve better bonding strength with resin binder.

陶瓷微晶刚玉 SG-E，是适应于高效率及难磨材料的磨削。表面经过处理变毛，能够更好的与树脂结合剂结合。

2. DESCRIPTION 描述

SG-E is a natural grain shape product. It is sintered by alumina powder, and has high density and high hardness, additional etch process create rough surface.

陶瓷微晶刚玉 SG-E 是自然破碎颗粒，由特种氧化铝制成具有高的硬度和密度，表面经过处理变毛。



3. TYPICAL PROPERTY 产品特性

Physical 物理特性

Micro-Structure 微观结构	Polycrystalline alumina, 50-100nm of crystal size. 晶粒尺寸 50-100 纳米,片层状堆积
Shape 形貌	Natural grain 自然颗粒
True density 真密度	$\geq 3.85 \text{ g/cm}^3$
Temp. of stability 耐温	$<1100^\circ\text{C}$

Chemical 化学成分

Al ₂ O ₃	La ₂ O ₃	Y ₂ O ₃	MgO	Others
94.5-97%	1.5-2.5%	0.5-1.5%	0.5-1.5%	0-0.5%

Grain Size 粒度范围及分布

SG-S available grit size is 20 to 60. Grit size and distribution flow FEPA standard.

SG-S 的供货粒度范围 20#至 60#，筛分标准和颗粒分布参照 FEPA 标准。

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4. Standard Package 包装规范

Paper bag, 25Kg per bag.

纸袋包装，每包 25Kg

5. Traceability 追溯性

Can provide one year production information from order date.

可提供自订单日起 1 年内的产品生产信息追溯。

