

白刚玉（WA）

WHITE ALUMINUM OXIDE (WA)

白刚玉颜色呈白色，硬度略高于棕刚玉，韧性稍低，用其制成的磨具适用于磨削高碳钢、高速钢及不锈钢、细粒度磨料还可用于精密铸造及高级耐火材料等。

White aluminum oxide has white color and a little higher hardness and toughness comparing with the brown one. The grinding tools made of this material are suitable for fine grinding of high carbon steel, high-speed steel and stainless steel, Abrasive powder of finer grit size, can also be used for precision casting and high-grade refractory.

用 途 及 产 品 代 号 Grain types and symbol

用 途 Usage	用于陶瓷磨具 For Vitrified Wheels	用于树脂磨具 For Resin bond	用于涂附磨具 For Coated abrasives
产品代号 Symbol	WA	WA-B	WA-P1

理化性能指标 Physical chemical performance index

产品代号 Symbol	粒度范围 Range of the grain	化学成份% Chemical composition (%)		真密度 True density	粒度形状 Shape of grain
		Al ₂ O ₃	Na ₂ O		
WA	F12-80	≥98.50	≤0.40	≥3.90	等体积 Equaled Volume
	F90-150	≥98.50	≤0.40		
	F180-220	≥98.20	≤0.40		
	F230-400	≥98.00	≤0.50		
	F500-1200	≥97.50	≤0.60		
WA-B	F12-80	≥99.00	≤0.40	≥3. 90	等体积 Equaled volume
	F90-150	≥98.50	≤0.40		
	F180-220	≥98.00	≤0.40		
	F230-600	≥97.50	≤0.50		
WA-P1	P16-80	≥99.00	≤0.40	≥3.90	等体积针状

	P100-150	≥ 98.50	≤ 0.40		Equaled volume needle form
	P180-400	≥ 98.00	≤ 0.50		
	P500-1200	≥ 97.50	≤ 0.60		

White corundum plated (white) products: performance products have improved toughness and adhesion, and the color slices made have improved sharpness and durability.

白刚玉镀衣白色产品:提高了韧性和粘接力, 做成的彩色切片在锋利和耐用度有所提高。

Use: Special abrasive for stainless steel cutting

General characteristics of surface coated abrasive:

- 1) more strong adhesion character
- 2) better toughness
- 3) better hydrophilicity

用途: 不锈钢切割专用磨料

表面涂层磨料的一般特性:

- 1) 更强的附着力
- 2) 更好的韧性
- 3) 更好的亲水性