

PRODUCT

产品介绍

非金属磨料 / Non-Metallic Abrasives

产品类别：棕刚玉（Brown Fused Alumina）/ 白刚玉（White Fused Alumina）/ 石榴石（Garnet）

原料属性：棕刚玉、白刚玉为人工熔炼磨料；石榴石为天然矿石加工磨料。

核心优势：棕刚玉耐用、切削效率高、通用性强；白刚玉高纯度、低污染、精度高；石榴石低粉尘、可循环、性能稳定、适配场景多元。

Product Category: Brown Fused Alumina/ White Fused Alumina/ Garnet

Raw material properties: Brown Fused Alumina and White Fused Alumina are artificially melted abrasives; Garnet is a natural mineral processing abrasive.

Core advantages: Brown Fused Alumina is durable, has high cutting efficiency, and strong versatility; High purity, low pollution, and high precision of White Fused Alumina; Garnet is low in dust, recyclable, stable in performance, and adaptable to diverse scenarios.



棕刚玉 / Brown Fused Alumina

棕刚玉是一种坚韧耐用的非金属磨料，由高品质铝矾土经过高温熔铸而成。具有高硬度、强切削能力和良好的耐磨性能，广泛用于喷砂处理、表面预处理、除锈、去除涂层以及研磨加工。

Brown Fused Alumina is a tough and durable non-metallic abrasive made from high-quality bauxite through high-temperature fusion. With high hardness, strong cutting ability and good wear resistance, it is widely used for sandblasting, surface preparation, rust removal, coating removal and grinding applications.



白刚玉 / White Fused Alumina

白刚玉是一种高纯度非金属磨料，由高品质氧化铝粉经过高温熔铸而成。相比棕刚玉，白刚玉具有更高纯度、更洁净外观和更低杂质含量。

White Fused Alumina is a high-purity non-metallic abrasive made from high-quality alumina powder through high-temperature fusion. Compared with Brown Fused Alumina, it has higher purity, cleaner appearance and lower impurity content, making it suitable for applications requiring clean surface treatment and controlled finishing quality.



石榴石 / Garnet

石榴石是一种天然非金属磨料，具有良好的硬度、锋利边缘和稳定切削性能。广泛用于喷砂、表面处理、除锈、去除涂层以及水刀切割。

Garnet is a natural non-metallic abrasive with good hardness, sharp edges and stable cutting performance. It is widely used for sandblasting, surface preparation, rust removal, coating removal and waterjet cutting applications.

产品规格 / Product Specifications

项目 (Item)	棕刚玉 (Brown Fused Alumina)	白刚玉 (White Fused Alumina)	石榴石 (Garnet)
材料 (Material)	铝矾土基氧化铝磨料 (Bauxite-based alumina abrasive)	高纯氧化铝 (High-purity alumina)	天然石榴石矿物 (Natural garnet mineral)
颜色 (Color)	棕色 / 深棕色 (Brown / Dark brown)	白色 (White)	红色 / 红棕色 / 深红色 (Red / Reddish brown / Dark red)
形状 (Shape)	棱角状 (Angular)	棱角状 (Angular)	棱角状 (Angular)
硬度 (Hardness)	高硬度 (High hardness)	高硬度 (High hardness)	高硬度天然磨料 (High hardness natural abrasive)
主要成分 (Main Component)	Al ₂ O ₃	Al ₂ O ₃	石榴石矿物成分 (Garnet mineral composition)
应用 (Application Type)	喷砂、研磨、表面处理 Sandblasting, grinding, surface preparation	精密喷砂、研磨、抛光、表面精整 Precision blasting, grinding, polishing, surface finishing	喷砂、表面处理、水刀应用 Sandblasting, surface preparation, waterjet-related use
定制 (Customization)	粒度、等级、包装可定制 Particle size, grade and packaging available upon request	粒度、等级、包装可定制 Particle size, grade and packaging available upon request	粒度、等级、包装可定制 Particle size, grade and packaging available upon request