

AM

EFFICIENCY



Welcome to the Future of Post-Processing for 3D Printing

Our range of specialized powders is designed to enhance and transform your entire post-processing workflow, from cleaning to coloring and polishing. With a focus on high quality and sustainability, we offer solutions that not only improve results but also boost efficiency and environmental responsibility.

CLEANING: Precision and Efficiency

Our specialized bead blast post-processing powder is meticulously crafted to provide exceptional cleaning for 3D-printed parts. Comprising carefully balanced glass beads, this media ensures thorough cleaning of printed surfaces while allowing efficient recycling within our units. The powder guarantees a flawlessly cleaned surface, perfect for subsequent post-processing steps such as dyeing or polishing.

Designed to optimize the cleaning process, our powder is both efficient and cost-effective, ensuring your parts are prepared for further finishing stages without residue or imperfections. Whether used for intricate geometries or large prints, our cleaning media ensures superior performance and facilitates a smooth, streamlined workflow.

CLEANING & COLORING: Dual Function, Maximum Impact

Introducing our innovative powder designed for dual post-processing functions cleaning and coloring. Tailored specifically for grey or dark 3D-printed parts, this powder is infused with a dark pigment, enabling it to not only clean but also impart a rich, dark tone to the surface. The fine, carefully balanced particles deliver outstanding cleaning performance while enhancing the aesthetic appeal of your parts.

With its unique peel shot effect, the pigment is embedded into the surface during processing, resulting in a smooth, even greyish finish that is both attractive and durable. This entirely dry process offers a sustainable alternative to traditional methods, eliminating the use of toxic chemicals and preventing the generation of contaminated wastewater. The powder remains effective over 5-10 batches before degradation, ensuring both cost-efficiency and environmental sustainability. While the fine pigment particles may create a slightly “dusty” environment during use, our formula remains completely harmless and safe for both operators and the environment.

POLISHING: Durable, Glossy Finish

Our advanced polishing powder is specially formulated to provide a superior finish for 3D-printed parts, ideal for use after the cleaning stage. The media features a precisely balanced blend of polymer powder or beads, engineered to smooth out surface imperfections and remove peaks, creating an impeccably polished surface. This process not only improves the overall look but also seals surface porosities, resulting in a glossy, durable, and scratch-resistant finish.

The powder is perfect for use as a final step following other post-processing applications such as liquid dyeing, cleaning and coloring, coating, and more. It significantly enhances the appearance and durability of 3D-printed parts, providing long-lasting results that stand up to everyday wear and tear. The precise peel shot technique used in the polishing process ensures that even the finest details are smoothed out, delivering a truly premium finish.

Transform Your Workflow with Advanced Post-Processing

With our advanced range of post-processing powders, you can elevate every stage of your workflow. Whether you're looking to clean, clean and color, or polish your 3D-printed parts, our products are designed to deliver exceptional results while prioritizing sustainability and efficiency. Transform your post-processing and experience flawless quality, durability, and environmental responsibility, all in one package.

For more information, test parts or a quote, please contact one of our trusted resellers or us directly at: info@amefficiency.com. Visit our web at www.amefficiency.com.

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