

TECHNICAL DATA SHEET

PLA Matting Agent

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PLA Matting Agent – Enhance Aesthetics and Strength in PLA 3D Printing

FormFutura's PLA Matting Agent is a high-quality, mineral-based masterbatch designed to give your PLA prints a premium matte surface finish. Supplied in convenient pellet form, it can be easily blended with PLA granulate to achieve a refined, non-glossy appearance for more professional and visually appealing 3D printed parts.

Beyond improved aesthetics, our PLA Matting Agent also enhances the mechanical performance of your PLA prints. When added to your PLA formulation, it significantly increases stiffness and impact strength, resulting in stronger, more durable, and dimensionally stable printed components.

Ideal for both functional prototypes and consumer-grade products, FormFutura's PLA Matting Agent helps you achieve superior surface quality, improved mechanical properties, and an overall elevated look and feel in your PLA 3D printing applications.

Material properties	Typical value	Test Method
MFI (210°C, 2.16kg)	~5.5 g/10min	ISO 1133-A
Density (23°C)	~1.75 g/cm ³	

Thermal properties

Melting temperature range	150 - 200 °C
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Processing

Pre-drying: 4-6 hours at 80 °C (<100ppm)

Storage and handling

PLA Matting Agent is considered an inert and stable material under normal storage conditions and does not pose significant hazards. To maintain its quality and mechanical performance, proper storage practices are essential.

For best results, store the PLA Matting Agent in a tightly sealed container within a dry, cool, and well-ventilated environment. Exposure to direct sunlight or UV light should be avoided to preserve the material's properties and ensure consistent processing performance over time.

By following these guidelines, manufacturers can safeguard the long-term stability of PLA Matting Agent and ensure optimal results during LFAM processing.

Product export information

HS code:	39079120
Description:	Unsaturated polyester or contract resins in their primary forms
Origin:	European Union

Disclaimer

The product and technical data provided in this datasheet are correct to the best of FormFutura BV's knowledge and are intended solely for reference and comparison purposes. Actual values may vary depending on printing conditions, model complexity, environmental factors, and other variables. Typical values are indicative only and do not constitute binding specifications.

All other information supplied, including that contained herein, is believed to be accurate but is provided on the express condition that the customer is responsible for making its own assessment to determine the product's suitability for a particular purpose.

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