



FGFT® PLA Stone

Item no.: PLA-STONE-NA01-X-XX

Technical information

Description	Method	Typical value
Specific gravity	ISO 1183	1,4 g/cc
MFI 190°C/ 2,16 kg	ISO 1133	3,1 gr/ 10 min
Tensile modulus (E)	ISO 527	2405 Mpa
Tensile strength at yield	ISO 527	54,4 Mpa
Tensile strength at break	ISO 527	45 Mpa
Elongation at break		
Impact strength – charpy method 23 °C	ISO 179	3,5 kJ/m2
Vicat	ISO 306	°C
Mold shrinkage		

FGFT® PLA Stone is a high-quality 3D printing filament designed to mimic the natural appearance and texture of real stone. This material is perfect for architectural models, sculptures, and artistic creations that require a rugged, stone-like aesthetic. With PLA Stone, you can achieve a natural stone effect without the need for post-processing, making it the perfect choice for detailed and professional-looking prints.

Material features:

- Stone-like appearance
- Easy to Print
- Non-abrasive
- Eco-friendly and durable
- Ideal for artistic and functional prints.

Printing recommendations

Pre-drying	Hot air °C / hrs - dry air °C / hrs
Zone 1 temperature	°C
Zone 2 temperature	°C
Zone 3 temperature	°C
Zone 4 temperature	°C
Mass temperature	°C
Die temperature	°C
Max. moisture content	%

Applications:

Additional information:

- Store cool and dry (15-25 °C)
- Available in cylindricals and UWG
- For FGF applications

All raw materials used in the production of products are in conformity with the REACH regulation (EC) no. 1907/2006.

Disclaimer: All above-mentioned data have been carefully checked according specific testing procedures and/or based on of raw material data and experience with compatible formulations. The data are provided for informational purposes only.

Therefore, no guarantee or warranty can be expected from these data. They are part of the quality and delivery specifications. The applicability of the product should be tested under local processing conditions at the converter.