



FGFT® ASA 10% Glass Fiber

Item no.: ASA-10GF-NA01-X-XX

Technical information

Description	Method	Typical value
Specific gravity	ISO 1183	1,18 g/cc
MFI 220 °C/ 10kg	ISO 1133	7,5 gr/10 min
Tensile modulus (E)	ISO 527	3230 Mpa
Tensile strength at yield	ISO 527	44,8 Mpa
Tensile strength at break	ISO 527	31,1 Mpa
Elongation at break		
Impact strength – charpy method 23 °C	ISO 179	6,2 kJ/m2
Vicat B 50N	ISO 306	°C
Mold shrinkage		

FGFT® ASA 10% Glass Fiber is a material optimized for precision and durability. Designed to address warping issues commonly associated with ASA, this compound provides exceptional dimensional stability, making it ideal for large or detailed prints and outdoor applications.

Material features:

- Low warpage formulation
- Durable and strong
- UV and weather resistance
- High heat tolerance
- Smooth matte finish

Printing recommendations

Pre-drying	Hot air °C / hrs - dry air °C / hrs
Zone 1 temperature	220-250 °C
Zone 2 temperature	220-250 °C
Zone 3 temperature	220-250 °C
Zone 4 temperature	220-250 °C
Mass temperature	°C
Die temperature	°C
Max. moisture content	%

Applications:

- Outdoor fixtures and equipment
- Automotive and marine components
- Functional prototypes and tools
- Enclosures for electronics and industrial use

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.