



Aurora GF

Aurora GF is a Polyamide 12 based composite material made of glass fiber to produce a strong flexible material. The material is suitable for complex functional parts made for demanding applications. The material has high tensile strength, a good surface finish, and high-temperature resistance.

75 MPa
High strength

PA 12 + GF
Polyamide thermoplastic

Black
Matte black finish



Technical specifications

PROPERTY	VALUE	UNIT
TENSILE MODULUS	6248	MPa
TENSILE STRENGTH	75	Mpa
ELONGATION	2,2	%
FLEXURAL MODULUS	4860	MPa
DENSITY	1,3	g/cm ³
MELTING POINT	182	°C

Typical applications

- **Electronic enclosures**
- **Air intake systems**
- **Connectors**
- **UAV structures**
- **Mounts**
- **Functional parts**

Advantages

- **High strength**
- **High temperature resistance**
- **Matt black color**
- **Flexible**

