

Thermoplastic Unidirectional Tape PA6 GF 60- 300 µm

Prod.No.

Product description Continuous glass fibre (GF) reinforced thermoplastic tape with unidirectional (UD) fibre orientation and a Polyamide 6 (PA6) matrix in black colour.

Indicative values

| Physical Properties | |
|-----------------------------|----------------------|
| Glass Fibre Content | 60 %wt |
| Fibre Areal Weight | 307 g/m ² |
| Fibre volume content | 40 % |
| Prepreg Areal Weight | 512 g/m ² |
| Nominal Thickness | 0,25 mm |
| Available Widths | 3 mm to 300 mm |

| Thermal Properties | |
|-------------------------------|--------------|
| Melting Temperature | 220 °C |
| Processing Temperature | 220 - 240 °C |

| Mechanical Properties | |
|--------------------------|---------|
| Tensile Strength | 726 MPa |
| Tensile Modulus | 30 GPa |
| Flexural Strength | 470 MPa |
| Flexural Modulus | 28 GPa |

Storage /Handling: This product must be stored at ambient temperatures, protected from sunlight and humidity. Shelf-life is not determined, we recommend to use within 12 months.

Note: The Information given above is based on our current state of knowledge and experience. In view of the many factors that may influence working conditions and the application of our products, the user is not relieved from carrying out his own tests and experiments. No legally binding warranty of certain properties or suitability for a particular purpose can be derived from this information. It is the responsibility of the receiver or user of our products to observe proprietary rights as well as existing laws and regulations.

This product is an article according to Regulation (EC) Nr. 1907/2006 (REACH) and no substance or mixture. It requires no MSDS. Please conduct a risk assessment before processing, especially for working at melting or processing temperature or working with dust generation.

BÜFA Thermoplastic Composites GmbH & Co. KG
 Stubbenweg 40
 26125 Oldenburg
 GERMANY
 Phone +49 441 9317905
 thermoplasticcomposites@buefa.de
 www.buefa.de
www.thermoplasticcomposites.de

A member of the BÜFA-Group.