

Thermoplastic Unidirectional Tape PP GF 60-200 µm

Prod.No.

Product description Continuous glass fibre (GF) reinforced thermoplastic tape with unidirectional (UD) fibre orientation and a Polypropylen (PP) matrix in natural or black colour.

Indicative values

Physical Properties	
Glass Fibre Content	60 %wt
Fibre Areal Weight	180 g/m ²
Fibre volume content	35%
Prepreg Areal Weight	300 g/m ²
Nominal Thickness	0,20 mm
Available Widths	3 mm to 300 mm

Thermal Properties	
Melting Temperature	165 °C
Processing Temperature	180 - 220 °C

Mechanical Properties	
Tensile Strength	720 MPa
Tensile Modulus	28 GPa
Flexural Strength	436 MPa
Flexural Modulus	21 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. The latest version of the corresponding EU Safety Data Sheet must also be observed.

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