

# BÜFA® Slittape PPS CF 66 – 140 µm

Prod.No.

**Product description** BÜFA® Slittape PPS CF 66 is a continuous fibre reinforced thermoplastic tape with unidirectional fibre orientation for high performance applications. It is available in various widths and lengths.

## Indicative values

### Physical Properties

<b>Carbon Fibre Content</b>	66 %wt
<b>Fibre Areal Weight</b>	150 g/m <sup>2</sup>
<b>Fibre volume</b>	60 %
<b>Prepreg Areal Weight</b>	221 g/m <sup>2</sup>
<b>Nominal Thickness</b>	0,14 mm
<b>Available Widths</b>	1/8" to 12"

### Thermal Properties

<b>Melting Temperature</b>	280 °C
<b>Processing Temperature</b>	315-345 °C
<b>Glass Transition Temperature (onset)</b>	95 °C

### Mechanical Properties

<b>Tensile Strength</b>	2231 MPa
<b>Tensile Modulus</b>	132 GPa
<b>Flexural Strength</b>	1662 MPa
<b>Flexural Modulus</b>	132 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.