



## Material: FT:126/1

### TEST CONDITIONS:

#### Temperature Sensitivity (see over)

Application speed 15 m/s  
Clamping pressure 0.61 MN/m<sup>2</sup> (88.5 lbf/in<sup>2</sup>)  
Temperatures ranging from 50 to 3500C in steps of 250C

#### Initial Bedding

Application speed 15 m/s  
Clamping pressure 0.61 MN/m<sup>2</sup> (88.5 lbf/in<sup>2</sup>)  
Average Temperature 1400C

#### Pressure Sensitivity

Application speed 15 m/s  
Average temperature 800C

#### Speed Sensitivity

Clamping pressure 0.61 MN/m<sup>2</sup> (88.5 lbf/in<sup>2</sup>)  
Average temperature 800C

### PHYSICAL PROPERTIES:

Density	2.30 g/cc
Hardness (Shore D)	75
Ultimate tensile strength	
Longitudinal	15.0 MN/m <sup>2</sup> (2177 lbf/in <sup>2</sup> )
Ultimate compressive strength	
93.0 MN/m <sup>2</sup> (13,520 lbf/in <sup>2</sup> )	
Ultimate shear strength	
Longitudinal	12.0 MN/m <sup>2</sup> (1,750 lbf/in <sup>2</sup> )
Rivet holding capacity	86.0 MN/m <sup>2</sup> (12,500 lbf/in <sup>2</sup> )
Thermal conductivity	1.034 W/m 0C

*(All the physical properties shown above are all mean values)*

The information supplied in this data sheet is believed to be accurate and reliable, and was obtained by scientific and laboratory testing. However, since actual conditions of use are largely outside the control of FRICTION TECHNOLOGY LTD, it is suggested that this material be thoroughly tested and its suitability for use be determined before final acceptance

