



# Cristex Composite Materials

Product: **TCU 260**

Woven UD Carbon Tape Data Sheet:

| Characteristics    |                   | Nominal           | Tolerance | Normative    |
|--------------------|-------------------|-------------------|-----------|--------------|
| Mass per unit area | gr/m <sup>2</sup> | 260               | ± 5%      | ISO 4605     |
| Weave              |                   | Plain             |           | ISO 2113     |
| Standard width     | mm                | From 10mm – 200mm | ± 2.5%    |              |
| Laminate thickness | mm                | 0.26              | ± 2.5%    | ISO 5084(**) |
| Other information  |                   |                   |           |              |

| Nominal Construction |                   | Warp                              |          | Weft                       |          |
|----------------------|-------------------|-----------------------------------|----------|----------------------------|----------|
| Fibre description    |                   | HR Carbon Fibre<br>6K – 4000 dtex |          | Glass Fibre<br>EC 9 34 tex |          |
| Thread count         | ends/cm           | 5.8                               | ISO 4602 | 4 x 2                      | ISO 4602 |
| Weight distribution  | gr/m <sup>2</sup> | 6K Carbon fibre                   | 232      | Glass fibre                | 28       |
|                      | %                 |                                   | 90%      |                            | 10%      |

(\*\*) Theoretical thickness for an epoxy laminate with 40% of reinforcement in volume

Note: Technical information furnished is based on laboratory findings and believed to be correct. No warranties of any kind are made except that the materials supplied are of standard quality. All risk and liabilities arising from handling, storage and use of products, as well as compliance with applicable legal restrictions, rests with the user.

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