

TECHNICAL DATA SHEET



Article reference: CAWFTO44TW280-100
Composition: 100% Carbon Toray HS
Weave: twill 4/4

Description: twill woven Carbon fabric
balanced fabric

Surface weight: 280 g/m² (+/- 2%)
Weave type: twill 4/4

Fabric construction: Warp: 7,0 ends/cm (+/- 0,15)
Weft: 7,0 picks/cm (+/- 0,15)

Carbon yarn type: Warp: 3K - Carbon: TORAY HS FT300B - 3000 - 40B
Weft: 3K - Carbon: TORAY HS FT300B - 3000 - 40B

Fabric thickness: 0,55 mm (+/- 0,05)

Fabric width: 100 cm (+/- 1,0 cm)
cut selfedges



Remarks: values as indicated by supplier.

Fiber properties: fiber TORAY HS FT300B - 3000 - 40B: 200 Tex: Torsion: T0.

Tensile strength: 3805 MPa - Tensile Modulus: 232 GPa

Elongation at break: 1,64% - Density 1,76 g/cm³

Sizing: 1% compatible with epoxy and phenolic resin



Version 01

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Compositesplaza BV -
Horstlandenpark 2A - 5709MB -
HELMOND - the Netherlands -
tel.: 0031-6-46756639 -
www.compositesplaza.com