

# TECHNICAL DATA SHEET



Article reference: CAWFTOTW160-154  
Composition: 100% Carbon Toray HS  
Weave: twill 2/2

Description: twill woven Carbon fabric  
balanced fabric

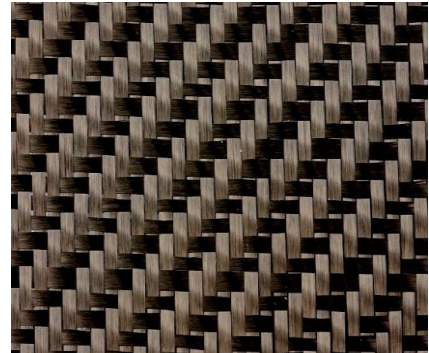
Surface weight: 160 g/m<sup>2</sup> (+/- 4%)  
Weave type: twill 2/2

Fabric construction: Warp: 4,0 ends/cm (+/- 0,1)  
Weft: 4,0 picks/cm (+/- 0,1)

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

Fabric thickness: 0,34 mm (+/- 0,05)

Fabric width: 154 cm (+/- 1,5 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/cm<sup>3</sup>

Sizing: 1% compatible with epoxy and phenolic resin



Version 01

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