



TECHNICAL DATA SHEET

PRODUCTCODE: C200T700/MT

DATE 10/01/2017
version 1.4

Description High Strength Carbon /Thougened Medium Temperature Epoxy

Aspect 2*2 Twill Gloss/Satin/Matte/Peelply /

Materials Fiber : 65 G% T300 3k and Toray 700S 12k -24k carbon filaments
or equivalent UTS50 tenax
Resin : 35 G% Thougened Medium Temperature Epoxy

Fabrication Autoclave , vacuum assisted

Lay-up Balanced Orthotropic

Thickness(mm) 0,22..25..

General Composite Plate properties

E modulus 70 Gpa
Tensile strength 550 Mpa
CTE $2,54 \times 10^{-6}/^{\circ}\text{C}$
density $1,53 \text{ gr/cm}^3$
Max. Tg (ASTM D 3418) 125 °C

Additional information available :

info@eucarbonplate.com or visit <https://www.eucarbonplate.com/resources>

Disclaimer:

Data in this sheet are approximate values , to assist engineering and can not replace real in situ testing
For applications requiring guaranteed values, contact Us to establish a material specification document.
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