

TC93 ST SPREAD TOW CARBON FABRIC

DESCRIPTION

TC93 ST is a plain weave fabric made of carbon fibres oriented at 0°/90° with a total weight of 93 g of carbon per square meter. This Spread Tow carbon is manufactured with Toray T700SC 12 50C carbon yarn compatible with epoxy, phenolic, polyester and vinyl ester resins, and it is commonly used in composite laminates, for manufacturing light and strong composite parts. Other widths, rather than 1 m, are available under request. The information given herein is only for guidance of our customers and implies no responsibility on our side.

Carbon Fabric with excellent permeability for hand lay-up, vacuum infusion or RTM processes.

APPLICATIONS

Designed for manufacturing of composite laminates, large composite structures in Tools, Automotive, Wind, Marine and Industrial sectors.

Resin compatibility	Epoxy, vinyl ester, Polyester, Thermoset in general
Loss on ignition	-
Moisture content	-
Packaging	All rolls are wrapped with PE bags and supported from the core
Labelling	Each roll is labelled on the inner side of the core or in agreement with the customer
Storage	Store at 40% - 70% RH and 18°-30 °C temperature range. Recommended 24 h acclimatization prior to use

Type	Carbon
Weight	93 g/m ² ±3%
Thickness	0,12 mm ±15%
Weave	Plain 1x1
Fibre Type	Spread Tow
Thread Count	1,8 cm x 1,8 cm pick
Powder type	Copolymer web on one side
Roll length	100 m
Roll width	100 cms
Roll weight	9,3 kg ±3%