Carbon fiber twill

Planar Reinforcement / SC-2C12C9B563CD

PRODUCT OVERVIEW

Carbon fiber satin fabric is an important type of carbon fiber woven fabric, crafted using a satin weave structure (where either the warp or weft yarn floats longer with fewer interlacings). It is formed by the regular interweaving of carbon fiber warp and weft yarns. Its primary function is to balance the bidirectional mechanical properties of composite materials, their ability to conform to complex curved surfaces, and their smooth surface finish making it the preferred reinforcement material for components in high-end equipment, sports gear, and other fields where precision molding and aesthetic appeal are critical.

CONFIGURATION DATA

MATERIAL FAMILY	Carbon fibre
SUPPLY FORM	Industrial component
ARCHITECTURE / WEAVE	Twill
DIMENSIONS / TOLERANCES	Configured to project requirements in SI / metric units
TECHNICAL DOCUMENTATION	Lot- and configuration-specific documentation available with quotation
AVAILABILITY	Made to order / project supply

DOCUMENTATION & COMPLIANCE

ISO, REACH, RoHS and material certificates are confirmed per selected grade, manufacturer, lot and intended application.