SUPRA COMPOSITES

TECHNICAL PRODUCT DATASHEET

Carbon fiber 3D braided fabric

Three-dimensional Reinforcement / SC-E46CAC2F7906

PRODUCT OVERVIEW

Carbon fiber three-dimensional fabric is a type of fabric with a spatial three-dimensional structure made from carbon fiber yarns as raw materials through processes such as three-dimensional weaving, knitting, stitching, or laminating. Its core advantages are strong integrity, high interlaminar strength, and the ability to directly form complex curved components. It can solve the pain point of "easy interlaminar cracking" in traditional planar fabric composites and is widely used in fields such as aerospace and high-end equipment that have extremely high requirements for structural integrity. It is a key reinforcement for high-performance composite materials.

CONFIGURATION DATA

MATERIAL FAMILY	Carbon fibre
SUPPLY FORM	Fabric
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.