

Carbon Fiber Prepreg

Carbon Fiber Prepreg / SC-468EA25A61C3

PRODUCT OVERVIEW

Carbon fiber prepreg is a semi-cured sheet material formed by combining carbon fiber tows (or fabrics) with a resin matrix through an impregnation process. Its core function is to serve as a "semi-finished raw material" for composite materials. It can be directly formed into high-strength, lightweight components through processes such as hot pressing, winding, and molding. It combines the mechanical properties of carbon fiber with the formability and processability of resin, and is a core intermediate for high-performance composite materials in the aerospace and high-end manufacturing fields.

CONFIGURATION DATA

MATERIAL FAMILY	Carbon fibre
SUPPLY FORM	Prepreg
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.