

Recyclable Carbon Fiber

Carbon Fiber Base Material / SC-D82EE9B68355

PRODUCT OVERVIEW

Recycled carbon fiber is a regenerated material obtained by separating and recovering carbon fiber from waste carbon fiber products (such as wind turbine blades, aviation scraps, and automotive parts) through physical, chemical, or pyrolysis processes. Its core value lies in retaining over 80% of the core performance of carbon fiber while reducing the cost to 1/3 - 1/2 of that of virgin carbon fiber, achieving resource recycling. It is widely used in the field of medium and high-end composite materials and is a key material that balances "high performance" with "low cost" and "environmental friendliness".

CONFIGURATION DATA

MATERIAL FAMILY	Carbon fibre
SUPPLY FORM	Industrial component
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.