

Pitch-based Carbon Fiber

Pitch-based Carbon Fiber / SC-A7EE5A3DE4DC

PRODUCT OVERVIEW

Pitch-based carbon fiber is a high-performance carbon fiber made from petroleum pitch or coal tar pitch through processes such as spinning, pre-oxidation, carbonization, and graphitization. Its core advantages are ultra-high modulus, high thermal conductivity, and high temperature resistance. It is a representative of "extreme performance" in the carbon fiber family and is widely used in aerospace, electronic thermal management, new energy, and other fields with stringent requirements for material performance.

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.