

■ CHOPPED CARBON FIBER STRANDS

Introduction

Chopped carbon fiber is made from carbon fiber filaments processed by CNC cutting. It has the characteristics of light weight, high strength, high modulus, corrosion resistance, conductivity, good shielding performance, and high wave absorption.



Main Application

1. Reinforce modified plastics.
2. Construction field: carbon fiber reinforced cement, conductive coating, anti-static floor, etc.
3. Electric heating field: conductive paper, electric heating plate, conductive surface felt, needle felt, etc.
4. Shielding materials: manufacturing shielding smoke, shielding curtain walls, etc.
5. Thermal insulation materials: carbon fiber reinforced refractory blanks and bricks, carbon fiber reinforced ceramics, etc.
6. New energy field: fuel cell electrodes, etc.

Technical Date

Filament Diameter	7.0-10 μ m
Tensile Strength	3.6-3.8GPa
Tensile Modulus	220-240GPa
Carbon Content	\geq 95%
Elongation	1.50%
Density	1.76g/cm ³
Color	Black