



FRP HOME
CARBON & COMPOSITE MATERIALS

TECHNICAL DATA SHEET

300 Mesh Milled Carbon Fiber Powder

PAN-based carbon fiber powder for compounding

SUPPLIER / BRAND	ZHEJIANG FRPHOME NEW MATERIAL CO., LTD.
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300 Mesh Milled Carbon Fiber Powder

PAN-based carbon fiber powder for compounding

Fine PAN-based milled carbon fiber powder for conductive fillers, resin reinforcement, coatings and composite compounding. Dispersion, loading level and performance must be validated in the customer's selected resin and process.

SIZE 300 mesh	CARBON >=95%	COLOR Black	FORM Fine powder
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TYPICAL PHYSICAL DATA

Property	Typical value	Status
Base material	PAN-based carbon fiber	Product family
Particle size	300 mesh	Nominal grade
Carbon content	>=95%	Typical source value
Density	1.75-1.80 g/cm3	Typical source range
Bulk density	0.25-0.45 g/cm3	Typical source range
Moisture content	<=0.5%	Typical source limit
Appearance	Black fine powder	Visual
Packaging	Sealed plastic bag; drum or carton	Confirm net weight

TYPICAL APPLICATIONS

Conductive polymer compounds • Thermoset and thermoplastic reinforcement • Coatings • Friction materials • Composite fillers

HANDLING AND QUOTATION NOTES

- Avoid dust generation and use suitable industrial hygiene controls.
 - Store sealed in a cool, dry and ventilated area.
 - Request the applicable SDS and validate dispersion, loading and electrical performance in the final formulation.

Data basis: Prepared from the local PAN-based 300 mesh carbon fiber powder TDS record. Values are batch-variable reference data and require final order confirmation.

The values in this sheet are typical or nominal reference values, not a batch certificate or finished-laminate design allowables. Final specification, tolerances, test methods, resin compatibility, compliance review and COA requirements must be confirmed in the quotation and order documents.