

Technical DataSheet

Cabonia Chop (Chopped Carbon Fiber)

Cabonia Chop is a product processed from regeneration, recycled carbon fiber using Catack-H technology. It is crafted into single fibers. The raw materials for Cabonia Chop include BMC/SMC, plastic compounds, dry nonwoven fabrics, and wet nonwoven fabrics. These materials find applications in various industrial sectors, enhancing electromagnetic shielding, lightweight properties, and strength. Cabonia Chop is used in structures such as aircraft and automobiles, as well as sports equipment, protective gear, fire-resistant items, ships, buildings, interiors, and medical devices



Inspection item	Result	Unit
Tensile Strength	≥ 2,800	MPa
Tensile Modulus	> 230	GPa
Fiber Presursor Type	PAN	-
Density	1.7 ± 0.5	g/cm ³
Elongation	2.1 ± 0.2	%
Electrical Resistivity	0.5 ~ 3.0 x 10 ⁻³	Ω-cm
Carbon Fiber Length	6, 12, 18 ~ 288	mm
Sizing	Non Epoxy, Acryl, Polyurethane, Polyamid 6	Resin
Sizing Resin content	0.1 ~ 5	%
Note	Manufacturing and supply can be tailored within the range of desired specifications based on the results. The characteristics of products using recycled carbon fibers, such as electrical resistance and tensils strength, may vary depending on the carbon fiber yarn used. For specific data, please refer to the COA(Certificate of Analysis) of the product you purchase.	

The properties listed in this datasheet do not constitute any warranty or guarantee of values. This information should only be used for the purposes of material selection. For more information, please contact **Catack-H**.

Packaging : After sealing in a polyethylene bag, package it in a cardboard box, with 15 kg per box

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