



Technical Data Sheet (ISO)

Carbon-Fiber Reinforced ABS(Acrylonitrile Butadiene Styrene)
CF0

Features Low warping, Extreme strength, High dimensional stability
Characteristics Surface Conductivity, Enhanced mechanical properties

Physical	Test Method	Value
Specific gravity	ISO 1183	1.08 g/cm ³
Water absorption	ISO 62	0.23 %

Mechanical	Test Method	Value
Tensile Strength(at yield)	ISO 527	52 Mpa
Elongation(at break)	ISO 527	2-3%
Flexural Strength	ISO 178	66 MPa
Flexural Modulus	ISO 178	7,100 Mpa
Izod Impact, unnotched (23°C)	ISO 180/1U	15 KJ/m ²
Izod Impact, notched (23°C)	ISO 180/1A	7 KJ/m ²

Thermal	Test Method	Value
Heat Deflection Temperature(1.8Mpa, Annealed)	ISO 75/Af	99°C
Heat Deflection Temperature(0.45Mpa, Under Load)	ISO 75/Bf	104°C

Notes

These are just typical properties, not specifications.