

Torayca™ CF21-106 B1 ABS

TECHNICAL DATA

Product Description

CF10%

Uses

- Printer

Processing Method

- Injection Molding

ISO Designation

- >ABS-CF10<

Type

- Short carbon fiber reinforced ABS

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.11	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (250°C/10.0 kg)	40	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	65	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	1.8	%	ISO 527-2
Flexural Modulus (23°C)	6000	MPa	ISO 178
Flexural Stress (23°C)	90	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	100	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+3	ohms	Internal Method

