

Torayca™ ASHT-30 B1 ABS

TECHNICAL DATA

Product Description

CF30%

Uses

- Automotive Applications
- Automotive Interior Parts
- Musical Instruments
- Printer
- White Goods & Small Appliances

Processing Method

- Injection Molding

ISO Designation

- >ABS-CF30<

Type

- Short carbon fiber reinforced ABS

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.21	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	13	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	100	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	1.0	%	ISO 527-2
Flexural Modulus (23°C)	20000	MPa	ISO 178
Flexural Stress (23°C)	160	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	106	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	10	ohms	Internal Method

