

CF-ABS Technical Data Sheet(TDS)

Physical Properties	Standard	Unit	Typical Value
Density	ISO 1183	g/cc	1.10

Mechanical Properties	Standard	Unit	Typical Value
Tensile Strength, Break	ISO 527	MPa	48
Tensile Modulus	ISO 527	MPa	5200
Tensile Elongation, Break	ISO 527	%	3
Flexural Strength	ISO 178	MPa	78
Flexural Modulus	ISO 178	MPa	5280
Thermal Properties	Standard	Unit	Typical Value
Glass Transition Temperature (Tg)	DSC	°C	105
Deflection Temperature at 0.45 MPa (66psi)	ISO 75	°C	78

Electrical Property	Standard	Unit	Typical Value
Surface Resistance	ASTM D257	Ohm/sq	>10 ⁹

Updated on May 11, 2026