

### 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<br>(66psi) | ISO 75   | °C   | 78            |

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

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