TDS Rev 3.0

**Technical Data Sheet:** CarbonX CF-PLA 3D Printing Filament

| Physical Properties | Standard | Unit | Typical Value |
|---|---|---|---|
| Density | ISO 1183 | g/cc | 1.29 |

| Mechanical Properties | Standard | Unit | Typical Value |
|---|---|---|---|
| Tensile Strength, Break | ISO 527 | MPa | 48 |
| Tensile Modulus | ISO 527 | MPa | 4950 |
| Tensile Elongation, Break | ISO 527 | % | 2 |
| Flexural Strength | ISO 178 | MPa | 89 |

| nal Properties | Standard | Unit | Typical Value |
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| ical Property | Standard | Unit | Typical Value |
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| Printed Specimen Conditions |
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specifications limits or used alone as the
data provided is not intended to substitute
be required to determine fitness for any spe