

## Insight™ TCFC02

TCFC02 is a carbon fiber reinforced PETG.

Suitable for FDM filament, injection molding and extrusion applications.

| Physical Property | Typical Value       |
|-------------------|---------------------|
| Product Form      | Cylindrical Pellets |
| Color             | Black               |
| Packaging         | Drum or Gaylord*    |

| Mechanical Property | Typical Value | Test Method |
|---------------------|---------------|-------------|
| Unnotched Impact    | 450 J/m       | ASTM D4812  |
| Tensile Modulus     | 650,000 PSI   | ASTM D638   |
| Tensile strength    | 12,000 PSI    | ASTM D638   |
| Yield % Strain      | 3.5           | ASTM D638   |

\*Customized packaging and order size available upon request.

### Processing Notes:

**Drying:** It is recommended to dry for 4-6 h at 150 °F using a desiccant air dryer.

**Processing Conditions:** It is recommended to process at a melt temperature of 440-500 °F.