

Insight™ NBFC02

NBFC02 is a carbon fiber reinforced nylon 6 copolymer.

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	No break	ASTM D4812
Tensile Modulus	440,000 PSI	ASTM D638
Tensile strength	11,000 PSI	ASTM D638
Yield % Strain	4.0	ASTM D638

*Customized packaging and order size available upon request.

Processing Notes:

Drying: It is recommended to dry for 4-6 h at 175 °F using a desiccant air dryer.

Processing Conditions: It is recommended to process the masterbatch at a melt temperature of 430-480 °F.