

CARBON FIBER FOR THERMOPLASTICS

ZOLTEK™ offers various grades of chopped, milled, and continuous carbon fiber tow created for use with general purpose, engineering grades, and ultra-performance thermoplastics. Our portfolio includes grades sized to be compatible with polypropylene, nylon, polycarbonate, and multiple high-temperature thermoplastics. Technical assistance is available from our team of experts.

ZOLTEK fibers offer:

- Improved dimensional stability and mechanical properties
- Increased conductivity and static dissipation
- High strength-to-weight and stiffness-to-weight ratios
- Greater thermal stability
- Ease of feeding and processing



DESCRIPTION	RESIN COMPATIBILITY	FIBER LENGTH	UNPACKED BULK DENSITY
Chopped Pellet (-65)	ABS, PET, PA, PC, TPU, POM	6 mm (0.25 in.)	425 g/L (minimum)
High Temperature Pellet (-83)	HPPA, PPO, PPA, PEEK, PAI, TPI	6 mm (0.25 in.)	350 g/L (minimum)
Chopped Pellet (-45)	ABS, PET, POM, PA, PA66	6 mm (0.25 in.)	425 g/L (minimum)
Chopped Pellet (-95)	PA, PA66	6 mm (0.25 in.)	350 g/L (minimum)
Chopped Pellet (-52)	PP & PE	6 mm (0.25 in.)	300 g/L (minimum)
Chopped Flake Dispersible (-02)	Water-Based Slurry Type	3 - 50 mm (0.125 - 2.0 in.)	—
PX35 Milled Fiber	Various	150 µm (0.283 mils)	490/ (95% carbon content)
PX30 Milled Fiber	Various	150 µm (0.283 mils)	465/ (99% carbon content)

UD TAPES	THERMOPLASTICS	THERMOSETS
PX35 UD Tapes	Various	Various

RESINS BY MELTING POINT

