Carbon-Carbon Material Properties (Mean Values)

- Tensile Strength: 8.50 ksi
- Tensile Modulus: 5.60 Msi
- Flexural Strength: 13.06 ksi
- Flexural Modulus: 5.25 Msi
- Inter-Laminar Tensile Strength: 2.45 ksi
- Thermal Conductivity in plane: 212 & 205 W/mK
- Thermal Conductivity through thickness: 193 W/mK

Sidewall Pullout – Mean Loads

- Countersink Head above flush w/ sidewall plane: 876 N (197 lbs)
- Countersink Head below flush w/ sidewall plane: 506 N (114 lbs)

M1.6 Fastener Pullout Load in C-C w/ no Insert

- Pullout Load: 460 N (103 lbs)

M2.5 Fastener Pullout Load in C-C w/ Al Insert

- Pullout Load: 2150 N (483 lbs)