

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

Pullout Load -	2150 N (483 lbs)
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