

# KIWI TOOLING

Suppliers of high performance tooling board

## KT/CFP360 TOOLING BOARD Forged Carbon Fibre Plate

Carbon fibres in the form of a special chopped configuration, infused with Polyamide 6.6 binder, compressed to form a solid sheet. Thermally stable and durable with a very low CTE of 2.85.

Machinable with conventional cutting tools.

Bond together with off the shelf structural adhesives - no need to seal.

just apply a few coats of Chemlease® 2710 release agent prior to layup.

- Up to 50% lower in cost than conventional CFRP laminates
- 50%+ lighter than Aluminium - Comprising 45% Carbon Fibre
- Replacement for Invar tooling
- No Carbon Dust, just chippings/swarf
- Can be drilled, tapped, bonded & painted

---

CFP360	
Colour	Black
Hardness @ 75°F	84 Shore D
Density	1.29 g/cm <sup>3</sup>
Maximum operating Temperature	180°C
Coefficient of Thermal Expansion	2.85 - 60 x 10 <sup>-6</sup>
Flexural strength , MPa	186
Flexural Modulus, GPa	21
Compressive strength, MPa	285
Compressive Modulus, GPa	19.6

Sheet Size: 1300x800 - Thicknesses 5, 10, 20mm



Part Size: 290 x 180 x 20mm

**Kiwi Tooling Ltd**

Mob. 021 289 1993 - [andrew@kiwitooling.co.nz](mailto:andrew@kiwitooling.co.nz)

Unit 3 - Kumeu Industria - 11 Wookey Lane - Kumeu - Auckland

A division of Gyro Constructivists Ltd - [www.gyro.co.nz](http://www.gyro.co.nz)