



TECHNICAL
DATA SHEET

TC36P

Standard Modulus
TAIRYFIL Carbon Fiber

- TAIRYFIL carbon fiber produced from polyacrylonitrile-based precursor.
- High strength, high modulus, never twisted carbon fiber available with excellent processability for different applications.

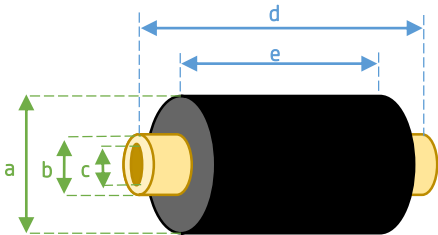
Fiber Properties

Tow sizes	Yield (g/1000m)	Tensile Strength		Tensile Modulus		Elongation (%)	Density (g/cm3)	Sizing Type	Sizing Content (%)
		Ksi	MPa	Msi	GPa				
12K	800	710	4900	36	250	2.0	1.8	Epoxy	1.0-1.6
24k	1600								

1. Test Method : JIS-7608
2. Carbon fiber could be produced with C sizing (compatible with thermoplastic resin).
3. The sizing content could be customized.

Packing Standard

- Dimensions are defined as follow :
a = diameter of bobbin
b = external diameter of tube
c = internal diameter of tube
d = length of tube
e = length of bobbin



Type	Tow sizes	Fiber Weight (kg)	Bobbin Size (mm)					Bobbin Per Case	Case Net Weight (kg)
			a	b	c	d	e		
TC36P	12K	4	155-165	84.8-85.2	76.8-77.2	275-285	245-260	6	24
	24K	4	155-165	84.8-85.2	76.8-77.2	275-285	245-260	6	24

Contact

TAIRYLAN DIVISION, FPC

- **Sale Department**
9F, No.390, Section 6, Nanjing E. Rd.,
Neihu Dist., Taipei, Taiwan
- **Sales Representative**
Larry Hung larryhung@fpc.com.tw
Brian Luo jhihgangluo@fpc.com.tw
Allen Tsai allentsai@fpc.com.tw
Jack Chiu jackchiu@fpc.com.tw
Norton Yang southboy@fpc.com.tw
I-Ling Yeh iling@fpc.com.tw

