

# PC

## Product Information



### Our PC quality plastics

We supply a wide range of technical polycarbonate products. PC is a transparent amorphous thermoplastic material, which has high impact resistance and high dimensional stability. Based on its excellent electrical properties combined with high resistance to solvents, PC is suitable for a wide range of applications in the electronics and electrical industry. Thanks to our unique tempering process, the PCP sheets and round bars are 100% de-energised and offer excellent machinability and dimensional stability.

#### Applications of PC:

- Insulation in the electronics and electrical industries
- Various components used in the semiconductor industry
- Production of prototype models in design work

#### Characteristics:

- Excellent machinability
- High dimensional stability
- High impact resistance
- High chemical resistance
- Good electrical properties

Please note that PC is not suitable for optical applications.  
We have developed our product for technical applications in mechanical engineering.

## Sheets



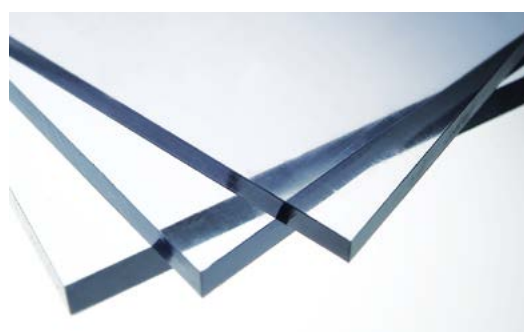
SHEETS PC	Thick-ness mm	Tolerance mm	Weight kg/item
610 x 1000 mm	15	+0.1 ~ +2.0	11.62
	20	+0.1 ~ +2.0	15.49
	25	+0.1 ~ +2.0	19.37
	30	+0.1 ~ +4.0	23.24
	35	+0.1 ~ +4.0	27.11
	40	+0.1 ~ +4.0	30.99
	45	+0.1 ~ +4.0	34.86
	50	+0.1 ~ +4.0	38.74
	60	+0.1 ~ +5.0	46.48
	70	+0.1 ~ +5.0	54.23
	80	+0.1 ~ +5.0	61.98
	100	+0.1 ~ +6.0	77.47

**Colours:**

Natural, black

Other colours on request

For other dimensions,  
please contact us directly.



## Round bars



ROUND BARS PC	Ø mm	Tolerance mm	Weight kg/item	
			L = 1000 mm	L = 3000 mm
	10	+0.1 ~ +1.0	0.10	0.30
	12	+0.1 ~ +1.0	0.14	0.43
	15	+0.1 ~ +1.0	0.22	0.67
	20	+0.1 ~ +1.0	0.40	1.20
	25	+0.1 ~ +1.0	0.62	1.87
	30	+0.1 ~ +1.0	0.90	2.69
	35	+0.1 ~ +1.0	1.22	3.66
	40	+0.2 ~ +2.0	1.60	4.79
	45	+0.2 ~ +2.0	2.02	6.06
	50	+0.2 ~ +2.0	2.49	7.48
	60	+0.2 ~ +2.0	3.59	10.77
	70	+0.2 ~ +2.0	4.89	14.66
	80	+0.2 ~ +2.0	6.38	19.14
	90	+0.3 ~ +2.5	8.08	24.23
	100	+0.3 ~ +2.5	9.97	29.91
	110	+0.3 ~ +2.5	12.06	36.19
	120	+0.3 ~ +2.5	14.36	43.07
	130	+0.5 ~ +4.5	16.85	50.55
	150	+0.5 ~ +4.5	22.43	67.29
	180	+1.0 ~ +6.0	32.30	96.90
	200	+1.0 ~ +6.0	39.88	119.63



PC is available in sheets, round bars, blanks and finished parts manufactured according to your drawings. In addition, we supply a range of variants tailored to the special technical requirements of our customers.

# COMCOEPP

Engineering Plastic Products

We produce plastic stock shapes  
and engineer tailor made solutions.



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Engineering Plastic Products

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