

## Datasheet Tubus Core

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Product group Property	Unit	Test Method	Type PC 2,5-110	Type PC 3,5-90	Type PC 4,0-80	Type PC 6,0-70	Type PC 7,0-70
<b>Material</b>			Polycarbonate				
<b>Tube diameter</b>	mm	+/- 0,3	2,5	3,5	4,0	6,0	7,0
<b>Density</b>	Kg/m <sup>3</sup> pcf	+/- 7,5%	110 6,87	90 5,62	80 5,0	70 4,37	70 4,37
<b>Compression strength</b>	MPa psi	DIN 53 421	3,6 522	2,8 406	2,2 319	1,9 275	1,8 261
<b>Compression modules</b>	MPa ksi	DIN 53 421	155 22,3	115 16,6	106 15,3	95 13,7	95 13,7
<b>Shear strength</b>	MPa psi	DIN 53 294	1,5 217	1,3 188	1,1 159	1,0 145	1,0 145
<b>Shear modulus</b>	MPa ksi	DIN 53 294	25 3,6	22 3,19	21 3,04	19 2,75	19 2,75
<b>Temperature range</b>	°C °F		-40 +110 -40 +230	-40 +110 -40 +230	-40 +110 -40 +230	-40 +110 -40 +230	-40 +110 -40 +230

Standard colours: clear, white, grey, black  
 Nomenclatures: Type-density colour length x width x thickness  
 Example: PC 2,5-110 grey 1250 x 500 x 20 mm

Dimensions:

	1. Standard	2. Standard	max.
<b>Length</b>	1250 mm	2000 mm	3000 mm
<b>Width</b>	500 mm	1000 mm	1350 mm
<b>Thickness</b>	1 - 300 mm possible		

Other dimensions, cell diameters, densities, colours and special orders: upon request.  
 Contact information: see address

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