

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
Material			Polycarbonate				
Tube diameter	mm	+/- 0,3	2,5	3,5	4,0	6,0	7,0
Density	Kg/m ³ pcf	+/- 7,5%	110 6,87	90 5,62	80 5,0	70 4,37	70 4,37
Compression strength	MPa psi	DIN 53 421	3,6 522	2,8 406	2,2 319	1,9 275	1,8 261
Compression modules	MPa ksi	DIN 53 421	155 22,3	115 16,6	106 15,3	95 13,7	95 13,7
Shear strength	MPa psi	DIN 53 294	1,5 217	1,3 188	1,1 159	1,0 145	1,0 145
Shear modulus	MPa ksi	DIN 53 294	25 3,6	22 3,19	21 3,04	19 2,75	19 2,75
Temperature range	°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.
Length	1250 mm	2000 mm	3000 mm
Width	500 mm	1000 mm	1350 mm
Thickness	1 - 300 mm possible		

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

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