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Version: 3.1

General	Property	Unit	Value
	Specific gravity	g/m ³	1.4

Mechanical properties: *Measured at 23 °C and 50% relative humidity*

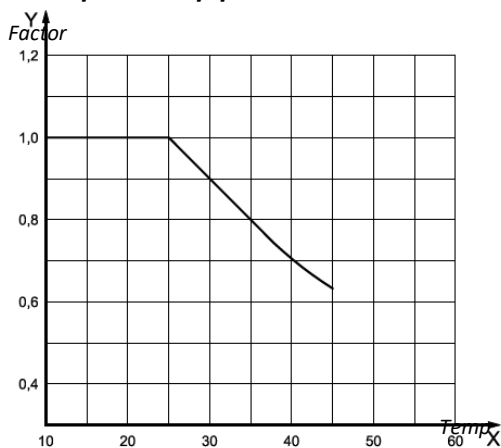
	E-modulus	N / mm ²	3000
	Tensile strength	N / mm ²	> 45
	Elongation at	%	> 80

Thermal properties

Vicat softening temperature	°C	+
80 Linear thermal expansion coefficient between 20 °C and 90 °C	mm/ m / °C	0.06
Practical area of application		
- continuous	°C	max. 60
- short	°C	max. 100

Data are average values of test pieces pressed from plate. Depending on the manufacturing conditions, individual measurements may deviate from this average.

For pressure pipes



Tabel III.1 – Reductiefactoren voor de berekening van de maximaal toelaatbare werkdruk in PVC-U buizen bij hogere gebruikstemperatuur.

Temperatuur van de buiswand °C		Reductiefactor (f _r)
hoger dan	tot en met	
10	25	1,00
25	35	0,80
35	45	0,63

The application temperature for PVC pressure pipes is limited to 45°C. A reduction factor should be applied according to the chart and table above.