

**Physical and mechanical properties of polyvinyl chloride used to manufacture our PVC tubes.**

<b>TECHNICAL INFORMATION</b>	<b>TEST METHOD</b>	<b>MEASURE UNIT</b>	<b>VALUE</b>
Specific gravity	ISO 1183	gr/cm <sup>3</sup>	1,45-1,55
Yield strength	ISO 527	N/mm <sup>2</sup>	< 48 Mpa
Yield point elongation	ISO 527	%	< 10
Elongation at break	ISO 527	%	100
Elastic modulus	ISO 178	N/mm <sup>2</sup>	~3000
Hardness	ISO 868	Shore D	80-84
Vicat softening point	ISO 306	°C	> 80
Coefficient of thermal expansion		mm/m °C	~0,07
Thermal conductivity		Kal/hm °C	~0,13
Flammability	UL 94		V 0
Thickness tolerance	%		~0,4
Length tolerance	%		~1
Diameter tolerance	%		~0,2

**Note: All the properties cited above are only indicative.**