

**PVC-P**

General properties	Test method	Value	Unit
ISO code:	ISO 1183		
Density:	ISO 1183-1	1,4	g/cm <sup>3</sup>
Water absorption in Air (23°C / 50% RH)	ISO 62	0,2	%
Water absorption in Air (23°C / 100% RH)	ISO 62	0,5	%
Resistance to hot water	n/a	+	
Weather resistance	n/a	-	
<b>Mechanical properties</b>			
Elongation at break:	ISO 527	15	%
Ball indentation hardness	ISO 2039	n/a	MPa
Tensile modules of elasticity	ISO 527	3000	MPa
Charpy impact strength - notched	ISO 179	4	kJ/m <sup>2</sup>
Charpy impact strength - unnotched	ISO 179	No Break	kJ/m <sup>2</sup>
Compressive stress at 1%	n/a	n/a	MPa
Coefficient of friction	ASTM D 1894	0,4-0,6	
<b>Thermal properties</b>			
Melting temperature	n/a	130	°C
Max. allowable service temp (short period)	n/a	70	°C
Max. allowable service temp (long period)	n/a	60	°C
Min. service temperature	n/a	0	°C
Coefficient of linear expansion	n/a	60	x10 <sup>-6</sup> m/(m*K)
Flammability	UL94	B1	
<b>Electrical properties</b>			
Dielectric dissipation (at 1MHz)	ISO 60250	3,2	Ω
Electric strength	ISO 60243	n/a	kV/mm
Volume resistivity	ISO 60093	>10 <sup>15</sup>	Ω.cm

