

Pressure pipes made of PVC-U

PVC-U (polyvinyl chloride unplasticised) without fillers:

Property	Norm	Value	Unit
Density	ISO 1183	1,42	g/cm ³
Yield stress	EN ISO 527	50	MPa
E-modulus	EN ISO 527	3000	MPa
Vicat-softening point	ISO 306	77	°C
Impact resistance (charpy)	DIN EN ISO 179	6	KJ/m ²
Resistance to external blow	EN 744	10% break	-
Vicat temperature	ISO 306	>78	°C
Elongation at heat	DIN 53752	0,08	mm/mK
Heat conductivity	DIN 52612	0,15	W/Km
Water content	ISO 760	<0,02	%
Maximum application temperature	-	60	°C
Internal pressure (50 years)	DIN 16887	25	MPa
Specific resistance	IEC 60093	1013	Ohm·m
Burning behavior acc. UL 94	IEC 60695	V-0	-
Colour	RAL	7011	-

Effective norms for pipes:

Application	Norm
Basic norm	DIN 8061/62
Water/Sewage	DIN EN 1452
Industrial	DIN EN ISO 15493

In this data sheet recommended values are given. A judicial binding confirmation of the properties cannot be taken from this information.

As of 12/12