

Pressure pipes made of PE 100 RC

PE 100 = polyethylene MRS (minimum required strength) 10,0:

Property	Norm	Value	Unit
Density	ISO 1183	0,96	g/cm ³
Yield stress	EN ISO 527	25	MPa
E-modulus	EN ISO 527	950	MPa
Vicat-softening point	ISO 306	77	°C
Elongation at heat	DIN 53752	0,2	mm/mK
Heat conductivity	DIN 52612	0,38	W/Km
Water content	ISO 760	<0,02	%
Maximum application temperature	-	80	°C
Internal pressure (50 years)	DIN 16887	10	MPa
Specific resistance	IEC 60093	10 ⁻¹⁴	Ohm·m
Burning behavior acc. UL 94	IEC 60695	HB	-
Melt flow rate	EN ISO 1133	0,3	g/10min

Effective norms for pipes:

Application	Norm
Basic norm	DIN 8074/75
Water	DIN EN 12201
Sewage	DIN EN 13244
Gas	DIN EN 1555
Industrial	DIN EN ISO 15494
RC properties	PAS 1075

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

As of 12/19