

Technical Data Sheet
fusiolen PP-R (80) faserpipe

Melt-flow index 190°C/5 kg	0.5 g/10 min.
Melt-flow index 230°C/2.16 kg:	0.3 g/10 min.
Modulus of elasticity:	1200 N/mm²
Yield stress:	30 N/mm²
Density:	1,0 g/cm³
Tensile strength:	35 MPa
Inflammation temperature:	490° - 500°C
Thermal expansion coefficient:	0,35*10⁻⁴K⁻¹
Coefficient of thermal conduction:	0.15 W/mK (measured at pipe)
Coefficient of friction in pipes:	0.007
Water absorption:	<0,02 %
Electrical properties:	
Relative permittivity:	2.3 (in case of 1 MHz)
Puncture voltage:	500 kV/cm
Specific resistance:	> 10¹⁷ Ωcm
Surface resistance:	10¹⁴ Ω
Dissipation coefficient:	0.0002 (in case of 50 hertz)