

PE100 Pressure Pipe - Technical Data Sheet



the people for plastics

Moulding compound extruded	PE,EACH,50 T 003
Extruded to moulding compound standard	DIN EN ISO 1872, Teil 1
Moulding compound pressed	PE,QACH,50 T 003
Pressed to moulding compound standard	DIN EN ISO 1872, Teil 1
Density, g/cm ³ , ISO 1183	0.96
Yield stress, MPa, DIN EN ISO 527	23
Tensile modulus of elasticity, MPa, DIN EN ISO	1100
Impact strength, kJ/m ² , DIN EN ISO 179	Without break
Ball indentation hardness, MPa, DIN EN ISO 2039-1	40
Mean coefficient of linear thermal expansion, K ⁻¹ , DIN 53752	1,8 × 10 ⁻⁴
Fire behaviour DIN 4102	B2 normal flammability
Dielectric strength, kV/mm, DIN IEC 60243-1	47
Surface resistivity, Ohm, DIN IEC 60093	10 ¹⁴
Temperature range, °C	-50 to +80
Physiological safety in accordance with BfR	Yes