

PE300 Rod Extruded Technical Sheet

Natural / Black



Moulding compound extruded	PE,EN,45 T 003/6
Extruded to moulding compound standard	DIN EN ISO 1872, Teil 1
Moulding compound pressed	PE,QN,45 T 003/6
Pressed to moulding compound standard	DIN EN ISO 1872, Teil 1
Density, g/cm ³ , ISO 1183	0.947
Yield stress, MPa, DIN EN ISO 527	22
Elongation at yield, %, DIN EN ISO 527	9
Tensile modulus of elasticity, MPa, DIN EN ISO	900
Impact strength, kJ/m ² , DIN EN ISO 179	without break
Ball indentation hardness, MPa, DIN EN ISO 2039-1	43
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	50
Surface resistivity, Ohm, DIN IEC 60093	10 ¹⁴
Temperature range, °C	-50 to +80
Physiological safety in accordance with BfR	Yes

All The above information is for guide purposes only. The data has been taken from standard test results provided by manufactures.