

# PE300 Rod - Technical Data Sheet



the people for plastics

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 <sup>3</sup> , 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 <sup>2</sup> , DIN EN ISO 179	without break
Ball indentation hardness, MPa, DIN EN ISO 2039-1	43
Mean coefficient of linear thermal expansion, K <sup>-1</sup> , DIN 53752	1,8 × 10 <sup>-4</sup>
Fire behaviour DIN 4102	B2 normal flammability
Dielectric strength, kV/mm, DIN IEC 60243-1	50
Surface resistivity, Ohm, DIN IEC 60093	1014
Temperature range, °C	-50 to +80
Physiological safety in accordance with BfR	Yes