



PE1000 Sheet – Pressed & Planed

Bay Plastics Datasheet

Property	Test
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	0.93
Yield stress – MPa – DIN EN ISO 527	21
Elongation at yield - % - DIN EN ISO 527	11
Tensile modulus of elasticity – MPa – DIN EN ISO	700
Impact strength – kJ/m ² – DIN EN ISO 179	Without break
Ball indentation hardness – MPa – DIN EN ISO 2039-1	38
Mean coefficient of linear thermal expansion – K ⁻¹ – DIN 53752	1.8 x 10 ⁻⁴
Fire behaviour – DIN 4102	B2 normal flammability
Dielectric strength - kV/mm – DIN IEC 60243-1	44
Surface resistivity – Ohm – DIN IEC 60093	>10 ¹⁴
Temperature range - °C	-260 - +80
Physiological safety in accordance with BfR	Yes