



PPC XT Welding Rod – Natural/Black/Beige-Grey/White

Bay Plastics Datasheet

Property	Test
Moulding compound extruded	PP-B, EN,10-35-003
Extruded to moulding compound standard	DIN EN ISO 1873, Teil 1
Moulding compound pressed	PP-B,QN,10-35-003
Pressed to moulding compound standard	DIN EN ISO 1873, Teil 1
Density – g/cm ³ - ISO 1183	0.91
Yield stress – MPa – DIN EN ISO 527	26
Elongation at yield - % - DIN EN ISO 527	7
Tensile modulus of elasticity – MPa – DIN EN ISO	1200
Impact strength – kJ/m ² – DIN EN ISO 179	Without break
Ball indentation hardness – MPa – DIN EN ISO 2039-1	50
Mean coefficient of linear thermal expansion – K ⁻¹ – DIN 53752	1,6 x 10 ⁻⁴
Fire behaviour – DIN 4102	B2 normal flammability
Dielectric strength - kV/mm – DIN IEC 60243-1	58
Surface resistivity – Ohm – DIN IEC 60093	1014
Temperature range - °C	-20 to +80
Physiological safety in accordance with BfR	Yes