



PPS Fire Retardant Extruded Weld Rod

Property	Test
Moulding compound extruded	PP-H, ECFH,16-09-003/006
Extruded to moulding compound standard	DIN EN ISO 1873, Teil 1
Moulding compound pressed	PP-H, ECFH,16-09-003/006
Pressed to moulding compound standard	DIN EN ISO 1873, Teil 1
Density – g/cm ³ - ISO 1183	0.95
Yield stress – MPa – DIN EN ISO 527	32
Elongation at yield - % - DIN EN ISO 527	8
Tensile modulus of elasticity – MPa – DIN EN ISO	1600
Impact strength – kJ/m ² – DIN EN ISO 179	Without break
Ball indentation hardness – MPa – DIN EN ISO 2039-1	70
Mean coefficient of linear thermal expansion – K ⁻¹ – DIN 53752	1,6 x 10 ⁻⁴
Fire behaviour – DIN 4102	B1 low flammability 2 to 20mm
Dielectric strength - kV/mm – DIN IEC 60243-1	22
Surface resistivity – Ohm – DIN IEC 60093	1014
Temperature range - °C	-0 to +100
Physiological safety in accordance with BfR	No