

PPS (Fire Retardant) Sheet Extruded

Grey

Technical Sheet



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,QCFH,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 × 10 ⁻⁴
Fire behaviour DIN 4102	B1 low flammability 2 to 20 mm
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

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