

Data sheet for PPs materials



Pressed to moulding compound standard	DIN EN ISO 19069-1
Density, g/cm ³ , DIN EN ISO 1183	0.950
Tensile modulus of elasticity, MPa, DIN EN ISO 527	1,600
Yield stress, MPa, DIN EN ISO 527	32
Elongation at yield, % , DIN EN ISO 527	8
Impact strength, kJ/m ² , DIN EN ISO 179	without break
Notched impact strength Charpy, kJ/m ² , DIN EN ISO 179-1eA	6
Dielectric strength, kV/mm , DIN IEC 60243-1	22
Ball indentation hardness, MPa, DIN EN ISO 2039-1	70
Shore hardness D (15 s), DIN EN ISO 868	72
Mean coefficient of linear thermal expansion, K-1 , ISO 11359-2	1,6 x 10-4
Surface resistivity, Ohm , DIN IEC 60093	≥ 1013
Temperature range, °C	0 to +100
Fire behaviour DIN 4102	DIN 4102 B1 low flammability 3 to 20 mm
Coefficient of heat transfer	0.11w/m2/c