

## Data sheet for PP-EL-S materials



Density, g/cm <sup>3</sup> , DIN EN ISO 1183	1.170
Tensile modulus of elasticity, MPa, DIN EN ISO 527	1,400
Yield stress, MPa, DIN EN ISO 527	25
Elongation at yield, % , DIN EN ISO 527	7
Impact strength, kJ/m <sup>2</sup> , DIN EN ISO 179	without break
Notched impact strength Charpy, kJ/m <sup>2</sup> , DIN EN ISO 179-1eA	5
Ball indentation hardness, MPa, DIN EN ISO 2039-1	66
Shore hardness D (15 s), DIN EN ISO 868	70
Mean coefficient of linear thermal expansion, K-1 , ISO 11359-2	1,6 x 10-4
Surface resistivity, Ohm , DIN IEC 60093	≤ 106
Temperature range, °C	0 to +80
Fire behaviour DIN 4102	DIN 4102 B2 normal flammability (self-assessment without test certificate)
Coefficient of heat transfer	0.11w/m2/c