Trade name: **PP-EL**
Date of printing: 17.11.2014

Revision: 19.09.2014

	PP-EL
Data sheet update	19.09.2014
Moulding compound extruded	PP-H,ECLY,16-05-003
Extruded to moulding compound standard	DIN EN ISO 1873, Teil 1
Moulding compound pressed	PP-H,QCLY,16-05-003
Pressed to moulding compound standard	DIN EN ISO 1873, Teil 1
Density, g/cm³ , DIN EN ISO 1183	0.940
Elongation at yield, % , DIN EN ISO 527	6
Yield stress, MPa, DIN EN ISO 527	28
Tensile modulus of elasticity, MPa, DIN EN ISO 527	1400
Impact strength, KJ/m² , DIN EN ISO 179	without break
Notched impact strength, kJ/m², DIN EN ISO 179	4
Ball indentation hardness, MPa, DIN EN ISO 2039-1	66
Shore hardness D (15 s), DIN EN ISO 868	72
Mean coefficient of linear thermal expansion, K^{-1} , ISO 11359-2	$1,6 \times 10^{-4}$
Fire behaviour DIN 4102	DIN 4102 B2 normal flammability (self-assessment without test certificate)
Surface resistivity, Ohm , DIN IEC 60093	$<= 10^6$
Temperature range, °C	5 to +100
Physiological safety in accordance with BfR (German Federal Institute for risk valuation)	no

The data presented in this section are to be seen as a guide and may vary depending on the processing method and test specimen used. In general, the figures are averages of tests performed on extruded sheets with a thickness of 4 mm. In the case of sheets manufactured by means of pressing, testing is generally performed on sheets with a thickness of 20 mm. Deviations may be possible if sheets are not available in these specific thicknesses. In the case of backed sheets, all technical specifications relate to the non-backed base sheets. Please note that this information is not necessarily applicable to products that have undergone downstream processing. The suitability of a material for a specific area of application must be checked by the processor or end user. All technical specifications are provided only as a guide for planning purposes. They do not constitute a guarantee of specific properties or qualities. For further information, please contact our Technical Service Centre at tsc@simona.de.