

Trade name: **SIMOPOR EP**

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Data sheet update	25.07.2024
Density, g/cm ³ , DIN EN ISO 1183	0.450
Tensile modulus of elasticity, MPa, DIN EN ISO 527	750
Flexural modulus of elasticity, MPa, DIN EN ISO 178	850
Shore hardness D, DIN EN ISO 868	35
Mean coefficient of linear thermal expansion, K ⁻¹ , ISO 11359-2	0,7 x 10 ⁻⁴
Surface resistivity, Ohm , DIN IEC 60093	≥ 10 ¹³
Temperature range, °C	0 to +60
Fire behaviour DIN 4102	DIN 4102 B1 low flammability: 3 to 10 mm
Fire behaviour NF P 92-501	NF P 92-501 M1 from 3 to 10 mm
Fire behaviour DIN EN 13501-1	Euroclass B-s2-d0: 3 to 10 mm
Charpy Impact Strength (Unnotched), kJ/m ² , EN ISO 179-1	7.0
Water absorption, % , DIN EN ISO 62	0,3

All specifications are deemed to be approximate values in respect of the specific material and may vary depending on the processing methods used. In general, data specified applies to average values measured on extruded sheets with a thickness of 5 mm. Suitability of materials for a specific field of application must be assessed by the party responsible for processing or the end-user. All technical specifications presented herein are designed merely to provide assistance in terms of project planning. They do not constitute a guarantee of specific properties or qualities.