

Product Name : **SIMOPOR EP**

Revision Date: 18.1.2023

Density, g/cm <sup>3</sup> , DIN EN ISO 1183	0,45	
Hardness, Shore D, EN ISO 868	35	
Tensile Strength at Yield, MPa, EN ISO 527	5,3	
Elongation at Break, %, EN ISO 527	20	
Water Absorption, %, EN ISO 62	0,3	
Charpy Impact Strength (Unnotched), kJ/m <sup>2</sup> , EN ISO 179-1	7,0	
Vicat Softening Temperature, °C, Method A50, EN ISO 306	73,5	
Fire Behavior	DIN 4102	DIN 4102 B1 low flammability: from 3 to 10 mm
	NF p 92-501	NF P 92-501 M1 from 3 to 10 mm
	EN 13501-1	Euroclass B-s2-d0: from 3 to 10 mm

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.