

Nome commerciale: **SIMOPOR S**

Revisione: 29.11.2019

Data di stampa: 10.03.2021

**SIMOPOR S**

Aggiorn. scheda dati	29.11.2019
Densità, g/cm <sup>3</sup> , DIN EN ISO 1183	0,550
Modulo elastico a trazione, MPa, DIN EN ISO 527	900
Modulo di elasticità piegatura, MPa, DIN EN ISO 178	1100
Resistenza all'urto, kJ/m <sup>2</sup> , DIN EN ISO 179	12
Durezza Shore D (15 s), DIN EN ISO 868	35
Coefficiente medio di dilatazione termica, K <sup>-1</sup> , ISO 11359-2	0,7 x 10 <sup>-4</sup>
Resistività superficiale, Ohm , DIN IEC 60093	≥ 10 <sup>13</sup>
Range di temperature d'impiego, °C	0 a +60
Comportamento alla combustione DIN 4102	DIN 4102 B1 difficilmente infiammabile da 1 a 19 mm
Comportamento alla combustione NF P 92-501	NF P 92-501 M1 da 3 a 10 mm
Comportamento alla combustione DIN EN 13501-1	Euroclass B-s3-d0 da 1 a 19 mm

I dati sono valori orientativi del rispettivo materiale e possono variare a seconda dei processi di elaborazione e della creazione dei campioni di prova. In casi normali, si tratta di valori medi di misure di lastre estruse dello spessore di 4 mm. Per le lastre prodotte esclusivamente con la procedura a pressione si tratta di norma di dimensioni di lastre dello spessore di 20 mm. Se le lastre non sono disponibili in questi spessori è possibile che ci siano differenze. Per le lastre accoppiate i valori caratteristici tecnici si riferiscono alle lastre di base non accoppiate. I dati non sono trasmessi senza variazioni su altri tipi di prodotti (come ad es. tubi, barre piene) dello stesso materiale oppure sui prodotti rielaborati. L' idoneità dei materiali per un concreto scopo d'impiego previsto deve essere controllata dall'elaboratore o dall'utilizzatore. I valori caratteristici tecnici sono solo una progettazione. In particolare non rappresentano caratteristiche garantite. Ulteriori informazioni sono disponibili presso il nostro Technical Service Center [tsc@simona.de](mailto:tsc@simona.de).

Trade name: **SIMOPOR S**  
 Date of printing: 10.03.2021

Revision: 29.11.2019

1. Identification of substance/preparation and company	Manufacturer details: SIMONA AG Teichweg 16 D-55606 Kirn Phone: +49 (0) 67 52 14-0 Fax: +49 (0) 67 52 14-211
2. Hazards identification	unknown
3. Composition / Information on ingredients	Chemical characteristics: polymer of vinylchloride foamed CAS number: not applicable
4. First-aid measures	General comment: medical aid is not necessary First-aid measures: none Routes of exposure: none Symptoms /effects: none
5. Firefighting measures	In case of fire please use gas mask and breathing equipment independing of circulating air. Fire residues must be disposed of according to the local instructions. Suitable fire-fighting appliance: water fog, foam, fire fighting powder, carbon dioxide, Kohlendioxid Hazard warning notice: not applicable
6. Accidental release measures	Person-related measures: none Environmental protection measures: not applicable Cleaning equipment: not applicable Unsuitable cleaning products: not applicable
7. Handling and storage	Handling: no special regulations to be observed Storage: storable for an unlimited period
8. Exposure controls / Personal protection	Special design of techn. processing facilities: not required Tolerance levels: none Exposure assessment: none Respiratory protection: not required Eye protection: not required Body protection: not required
9. Physical and chemical properties	<u>Phenotype</u> Physical state: semi-finished product, solid state Colour: white Odour: not applicable  <u>Change of state</u> Flash point: not applicable  <u>Other remarks</u> Density: 0.550 g/cm <sup>3</sup>

Trade name: **SIMOPOR S**  
Date of printing: 10.03.2021

Revision: 29.11.2019

10. Stability and reactivity	Thermal decomposition: above appr. 200°C Hazardous decomposition products: Besides hydrochloric acid also carbon dioxide and water will develop during the burning process. In case of incomplete burning also carbon monoxide and traces of phosgene may arise. Use of stabilisers: none Exothermic reactions: none Notices regarding state of aggregation: none Conditions to be avoided: none Substances/media to be avoided: none
11. Toxicological information	No hazardous effects on health were observed over several years of usage.
12. Ecological information	No biodegradation, no solubility in water, no hazardous effects on the environment are to be expected. Mobility: not applicable Accumulation: not applicable Eco-toxicity: not applicable
13. Disposal considerations	Can be recycled or can be disposed of together with household rubbish (acc. to local regulations). Waste key for the unused product: EAK-Code 120 105 Waste name: waste of polyvinylchloride
14. Transport information	No dangerous product in respect to / according to transport regulations Notice/symbol transport containers: none Special marking for containers: none
15. Regulatory information	Marking according to GefStoffV/EG: no obligation for marking Water danger class: class 0 (self classification) Domestic requirements to be observed: none
16. Other information	This information solely describes the safety requirements of the product(s) and is based on our current state of knowledge. It does not give any assurance concerning the product(s) described within the meaning of statutory warranty regulations.