

Nombre comercial: **SIMONA® PP-H AlphaPlus®**  
Fecha de impresión: 13.01.2025

Inspección:  
01.07.2024

**SIMONA® PP-H AlphaPlus®**

|                                                                           |                                                                              |
|---------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Hoja de datos-actualización                                               | 01.07.2024                                                                   |
| Masa moldeada extrusionad                                                 | PP-H,ECH,16-09-003                                                           |
| Norma moldeada extrusionad                                                | DIN EN ISO 19069-1                                                           |
| Masa moldeada prensada                                                    | PP-H,QCH,16-09-003                                                           |
| Norma masa moldeada prensada                                              | DIN EN ISO 19069-1                                                           |
| Densidad, g/cm <sup>3</sup> ,<br>DIN EN ISO 1183                          | 0,910                                                                        |
| Módulo E tensión, MPa,<br>DIN EN ISO 527                                  | 1.700                                                                        |
| Tensión de estirado, MPa,<br>DIN EN ISO 527                               | 33                                                                           |
| Dilatación bajo la tensión de estirad, % ,<br>DIN EN ISO 527              | 8                                                                            |
| Resistencia al impacto, kJ/m <sup>2</sup> ,<br>DIN EN ISO 179             | sin rotura                                                                   |
| Resiliencia Charpy, kJ/m <sup>2</sup> ,<br>DIN EN ISO 179-1eA             | 9                                                                            |
| Dureza Shore D (15 s),<br>DIN EN ISO 868                                  | 72                                                                           |
| Coefficiente medio de dilatación térmic, K <sup>-1</sup> ,<br>ISO 11359-2 | 1,6 x 10 <sup>-4</sup>                                                       |
| Resistencia de superficie, Ohm ,<br>DIN IEC 60093                         | ≥ 10 <sup>13</sup>                                                           |
| Campo de temperatura, °C                                                  | 0 hasta +120                                                                 |
| Comportamiento ante el fuego DIN 4102                                     | DIN 4102 B2 inflamabilidad normal (Autoevaluación sin certificado de prueba) |
| Aptitud para la industria alimentaria según la UE 10/2011                 | sí                                                                           |
| Aptitud para la industria alimentaria según la FDA                        | sí                                                                           |

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 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 from the values specified are possible if the sheets in this thickness are not available. In the case of backed sheets, all technical specifications relate to the non-backed base sheets. Information presented herein is not necessarily applicable to other products (e.g. pipes, solid rods) of the same material or products that have undergone downstream processing. 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. For further information, please contact our Technical Service Centre at [tsc@simona.de](mailto:tsc@simona.de).

