

Nombre comercial: **SIMOLUX**

Fecha de impresión: 13.01.2025

Inspección:

09.08.2021

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Hoja de datos-actualización	09.08.2021
Densidad, g/cm ³ , DIN EN ISO 1183	1,270
Módulo E tensión, MPa, DIN EN ISO 527	2.000
Transparencia a la luz, %	90 (3 mm)
Tensión de estirado, MPa, DIN EN ISO 527	52
Dilatación bajo la tensión de estirad, % , DIN EN ISO 527	4,5
Resistencia al impacto, kJ/m ² , DIN EN ISO 179	sin rotura
Resiliencia Charpy, kJ/m ² , DIN EN ISO 179-1eA	7,5
Resistencia a la perforación eléctrica, kV/mm , DIN IEC 60243-1	16
Dureza Brinell, MPa, DIN EN ISO 2039-1	97
Dureza Shore D (15 s), DIN EN ISO 868	78
Vicat B, °C , DIN EN ISO 306	77
Resistencia de superficie, Ohm , DIN IEC 60093	≥ 10 ¹³
Campo de temperatura, °C	-40 hasta +65
Comportamiento ante el fuego DIN 4102	DIN 4102 B1 difícilmente flamable 1 hasta 8 mm, Certificado general de Inspección Técnica de la Edificación (Alemania)
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

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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.