

Nom commercial: **SIMOLUX**
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SIMOLUX

Densité, g/cm ³ , ISO 1183	1,27
Résistance au seuil de fluage, MPa, DIN EN ISO 527	52
Allongement au seuil de fluage, %, DIN EN ISO 527	5
Module E à la traction, MPa, DIN EN ISO	1900
Résistance sur éprouvette lisse, kJ/m ² , DIN EN ISO 179	sans casse
Dureté à la bille, MPa, DIN EN ISO 2039-1	97
Coeff. moyen de dilatation thermique, K ⁻¹ , DIN 53752	0,7 × 10 ⁻⁴
Vicat B	83
Comportement à la flamme DIN 4102	B1 difficilement inflammable (SIMOLUX transparent clair à 8 mm)
Rigidité diélectrique, kV/mm, DIN IEC 60243-1	16
Résistivité superficielle, Ohm, DIN IEC 60093	10 ¹⁴
Température d'utilisation, °C	-40 à +65
Translucidité, %	92
Innocuité physiologique, BfR	oui

All specifications are deemed to be approximate values and may vary depending on the processing methods used and the specimen or test piece. In general, data specified applies to average values measured on extruded sheets with a thickness of 4mm. Deviations from the values specified are possible if the sheets in this thickness are not available. Information presented herein cannot necessarily be applied to finished items or products. 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. Under no circumstances do they constitute a guaranteed property or quality of the items presented. For further information, please contact our Technical Service Center: tsc@simona.de.