

**Technical Properties of: Senosan® AM1800TopX MET**

**Construction:** Coextruded ABS/PMMA furniture film with a hardcoat top layer. The high gloss surface is highly scratch and chemical resistant. Available in metallic colours. APPLICATION AREA: Flat lamination on different substrate materials for interior furniture. DIMENSIONS: Thickness: 0,8 - 1,00 mm Width: max. 1.320 mm

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Characteristics	Value	Unit	Test method
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**OPTICAL PROPERTIES**

Scratch resistance	method A	class 1. loss of gloss <20%	IHD W-466
Top surface gloss	(60° gloss master)	> 85	GLE DIN 67530
Colour fastness, resistance to weathering Delta E (furniture panels - indoor application)	total colour difference after 200h Xenon test	DE* <1,7	ISO 4892-2
Haze		< 10	DIN 67530

**MECHANICAL PROPERTIES**

Resistance to steel wool	load: 1kg; strokes: 20; steel wool type: 00;	class 1. no changes or scratches visible	SENO COMPANY TEST METHOD QPA-25-LT
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**THERMAL PROPERTIES**

Resistance to dry heat	rating group 7 D	75	°C DIN 68861/T7
Resistance to wet heat	rating group 8 B	70	°C DIN 68861/T8

**MISCELLANEOUS PROPERTIES**

Behaviour to water vapour	module 2	no visible changes	AMK
Chemical resistance	rating group 1 B	no visible changes	DIN 68861/T1

**NOTE**

Senosan® furniture surfaces are supplied with a tried and tested UV protection system. In the case of exposed applications such as shop windows, glazed conservatories or generally very large window areas with high light flow and thereby high UV and temperature influence, an accelerated ageing of the material can occur. The values stated in this document refer to the flat unformed sheets. Because of the influence of the application technology and the core materials used, these values may differ slightly from the finished product. For best bonding results adequate surface-tension is required, but as surface-tension is influenced by storing conditions and storing time,

customers are responsible for adequate values and we recommend a refreshment by corona-, plasma- or flametreatment immediately before bonding. Please insure all arrows on PE-film are in the same direction.

The technical data have been developed by Senosan GmbH in good faith and using its know-how and experience as of today. They are non-binding and do not represent a material specification or assurance of specific properties. We explicitly reserve the right to change or update these instructions at any time.

Further processing and use of the products can have various impacts on the products. Therefore, Senosan GmbH does not guarantee or warrant for the fitness, suitability or adequacy of the products for any purpose intended by the purchaser or any third person and shall have no liability whatsoever in this respect. The purchaser has the obligation to test the products and determine itself if the products are fit for the intended use.

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**Senosan GmbH**

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