

Technical Properties of:		SENOSAN® AM1800TopX		
Construction:	Coextruded, highly scratch and chemical resistant furniture film with high gloss surface. APPLICATION AREA: Flat lamination on different substrate materials for interior furniture. DIMENSIONS: Thickness: 0,70 to 1,00 mm Width: max. 1.320 mm			
Edition / Date:	1 / 14-02-2014			
Characteristics	Value	Unit	Test method	
PHYSICAL PROPERTIES				
Density	23 °C	≥ 1.07 ≤ 1.11	g/cm ³	ISO 1183-1
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
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
BURNING BEHAVIOUR				
Flammability classification*		n.d.		UL 94
MISCELLANEOUS PROPERTIES				
Behaviour to water vapour	module 2	no changes visible		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.				

*) tested on raw materials used in this product, thickness > 1.6 mm.

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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