

Preliminary

Technical Properties of:

senosan® AM1800TopMatt AF

Construction:

Co-extruded ABS/PMMA (Acrylic) furniture film with a hardcoat top layer. Highly scratch and chemical resistant with supermatt surface and excellent "Anti-fingerprint" properties. As well as insensitiveness against stains. Protected with PE-film. APPLICATION AREA: Flat lamination on different substrate materials for interior furniture. The product has been tested according to ISO 22196:2011 by an independent testing institute and shows an antibacterial effectivity.

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Characteristics		Value	Unit	Test method
PHYSICAL PROPERTIES				
Density	23°C	$\geq 1.07 \leq 1.12$	g/cm ³	ISO 1183-1
MECHANICAL PROPERTIES				
Scratch resistance	rating group 4 B	> 2	N	DIN 68861/T4
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
OPTICAL PROPERTIES				
Top surface gloss	(60° measurement geometry)	< 5	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
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 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.

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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