

|                      |            |  |                  |
|----------------------|------------|--|------------------|
| <b>SENOSAN®</b>      |            | <b>AM1800TopX / AM1800TopX-1 /<br/>AM1800TopX MET.</b> |                  |
| TECHNICAL DATA SHEET | EDITION:01 | DATE: 28.05.2013                                       | AM1800TopX_E.doc |

|                         |  |                |  |
|-------------------------|--|----------------|--|
| <b>CONSTRUCTION:</b>    | Coextruded, highly scratch and chemical resistant furniture film with high gloss surface |                |  |
| <b>APPLICATION AREA</b> | Flat lamination on different substrate materials for interior furniture.                 |                |  |
| <b>DIMENSIONS</b>       | Thickness:   | 0,70 to 1,00mm |  |
|                         | Width:   | max 1.320mm    |  |

| <b>MECHANICAL PROPERTIES</b>                      | <b>TESTMETHOD</b>                     | <b>UNIT</b>                                     | <b>VALUES</b>                              |
|---|---------------------------------------|---|--|
| Scratch resistance                                | IHD-W-466                             | method A  | class 1.<br>loss of gloss <20%             |
| Resistance to steel wool<br>(abrasion resistance) | SENO company<br>standard<br>QPA-25-LT | load: 1kg<br>strokes: 20<br>steel wool type: 00 | class 1<br>no changes or scratches visible |
| Chemical resistance                               | DIN 68861/T1                          | rating group 1 B                                |  |
| Resistance to dry heat                            | DIN 68861/T7                          | °C  | 75   |
|   |                                       | rating group 7 D                                |  |
| Resistance to wet heat                            | DIN 68861/T8                          | °C  | 70   |
|   |                                       | rating group 8 B                                |  |
| Behaviour to water vapour                         | According to AMK<br>module 2          | no changes visible                              |  |

| <b>OPTICAL PROPERTIES</b>   |   |  |          |
|---|---|--|----------|
| Top surface gloss   | DIN 67 530 (60° glossmaster)                                      |  | > 85 GLE |
| Haze  | DIN 67 530  |  | <10      |
| Colour fastness, resistance to weathering for<br>furniture indoor application | EN ISO 4892-2<br>Total colour difference after 200 h Xenon - Test |  | DE* <1,7 |

| <b>ADDITIONAL</b>                     |                |   |      |
|---------------------------------------|----------------|---|------|
| Surface protection delivery condition |                | PE-protective film with<br>adhesive layer | 50µm |
| Density                               | DIN 53479      | g/cm³                                     | n.d. |
| Burning resistance                    | UL Standard 94 |   | n.d. |

## **SPECIAL ADVICE**

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.

The technical characteristics are measured on the semi finished product. Deviations caused by varying colours and processing tolerances cannot be quantified.

**Advice:** The properties of thermoplastics change by exposing to heat, radiation and humidity. The material ages. The above mentioned values relate to the quality of the semi finished product directly after extrusion unaccounted for influences by ageing.

These instructions for use have been developed by **Senosan GmbH** in good faith and using its know how and experience as of today. 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. Senosan GmbH shall, neither directly nor indirectly, indemnify and hold harmless purchaser or any third person in the event of any third party claims related to the infringement of intellectual property rights.