

# Saugbrugs Nor Opaq

**End use:** Magazines, inserts, catalogues, direct mail and door drop.

**Product Family:** UMI

| Basic properties  | ISO           |                      |       |       |       |       |       |
|-------------------|---------------|----------------------|-------|-------|-------|-------|-------|
| Basis Weight      | (ISO 536)     | (g/m <sup>2</sup> )  | 42    | 45    | 47.4  | 52    | 57    |
| Thickness         | (ISO 534)     | (µm)                 | 53    | 55    | 55    | 57    | 60    |
| Density           | (ISO 534)     | (kg/m <sup>3</sup> ) | 800   | 820   | 860   | 910   | 950   |
| Bulk              | (ISO 534)     | (cm <sup>3</sup> /g) | 1.25  | 1.22  | 1.16  | 1.10  | 1.05  |
| Brightness D65    | (ISO 2470)    | (%)                  | 68    | 68    | 68    | 68    | 68    |
| CIE Whiteness     | (ISO 11475)   | (%)                  | 50    | 50    | 50    | 50    | 50    |
| L-value D65       | (ISO 5631-2)  | (D65/10°)            | 87    | 87    | 87    | 87    | 87    |
| a-value D65       | (ISO 5631-2 ) | (D65/10°)            | -1.4  | -1.4  | -1.4  | -1.4  | -1.4  |
| b-value D65       | (ISO 5631-2)  | (D65/10°)            | 4.5   | 4.5   | 4.5   | 4.5   | 4.5   |
| Opacity.          | (ISO 2471)    | (%)                  | 93    | 94    | 95    | 97    | 97    |
| Gloss Hunter      | (ISO 8254-1)  | (%)                  | 20-25 | 20-25 | 20-25 | 20-25 | 20-25 |
| Smoothness PPS 10 | (ISO 8791-4)  | (µm)                 | 1.7   | 1.7   | 1.7   | 1.7   | 1.7   |

PRODUCT FAMILY:  
Nor

FINISH:  
Silk

Norske Skog  
Saugbrugs is certified  
according to:

PRINTING METHOD:  
Heatset & Rotogravure

PRODUCER:  
Saugbrugs

Paper Profile  
PEFC  
FSC  
EU Timber Regulation  
ISO 50001: 2018  
ISO 9001: 2015  
ISO 14001: 2015  
EU Ecolabel  
Norske Skog Saugbrugs -  
Carbon Footprint

CHARACTERIZATION  
DATA:

Heatset: Fogra 40L  
Gravure: ICC Paper  
profile -  
PSR MF V2 M1.icc

Last Updated:  
October 2020

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