



## Advantage Smooth White

### Benefits

- Advantage Smooth White is made of bleached short fiber sulphate pulp and bleached long fiber sulphate pulp
- Calandered kraft paper
- High strength
- Good printability
- Available in a basis weight range between 50 and 130 g/m<sup>2</sup>

### End-uses

- Carrier bags
- Shoppers
- PE coating
- Form & fill packaging
- Ream wrapping



| PEFC | FSC | Quality Management System | Environmental Management System | Safety Management System | Food Safety Management System | Approvals                              |
|------|-----|---------------------------|---------------------------------|--------------------------|-------------------------------|--|
| ✓    | ✓   | ISO 9001:2015             | ISO 14001:2015                  | ISO 45001:2018           | ISO 22000:2018                | Regulation ( EC )<br>German and US FDA |

### Technical Values

| Properties              |                  | Method     | Typical values |     |     |     |     |     |     |     |      |      |      |      |
|-------------------------|------------------|------------|----------------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
|                         |                  |            | 50             | 60  | 65  | 70  | 75  | 80  | 85  | 90  | 100  | 110  | 120  | 130  |
| Basis Weight            | g/m <sup>2</sup> | ISO 536    | 50             | 60  | 65  | 70  | 75  | 80  | 85  | 90  | 100  | 110  | 120  | 130  |
| Thickness               | µm               | ISO 534    | 65             | 75  | 80  | 85  | 90  | 95  | 100 | 105 | 115  | 125  | 140  | 150  |
| Tensile strength        | MD               | ISO 1924-3 | 4,2            | 5,1 | 5,5 | 5,9 | 6,4 | 6,8 | 7,2 | 7,6 | 7,5  | 8,3  | 9,0  | 9,7  |
|                         | CD               |            | 2,2            | 2,6 | 2,8 | 3,0 | 3,2 | 3,4 | 3,6 | 3,9 | 4,3  | 4,7  | 5,1  | 5,6  |
| TEAR                    | MD               | ISO 1974   | 450            | 540 | 585 | 630 | 680 | 730 | 790 | 840 | 950  | 1050 | 1160 | 1270 |
|                         | CD               |            | 500            | 600 | 655 | 710 | 760 | 820 | 870 | 930 | 1050 | 1160 | 1280 | 1400 |
| Burst                   | kPa              | ISO 2758   | 165            | 229 | 253 | 268 | 287 | 307 | 326 | 351 | 353  | 390  | 424  | 460  |
| Cobb <sub>60</sub>      | g/m <sup>2</sup> | ISO 535    | 25             | 25  | 25  | 25  | 25  | 25  | 25  | 25  | 25   | 25   | 25   | 25   |
| Brightness ISO          | %                | ISO 2470   | 83             | 83  | 83  | 83  | 83  | 83  | 83  | 83  | 83   | 83   | 83   | 83   |
| Whiteness CIE           |                  |            | 81             | 81  | 81  | 81  | 81  | 81  | 81  | 81  | 81   | 81   | 81   | 81   |
| Opacity                 | %                | ISO 2471   | 70             | 78  | 80  | 82  | 83  | 85  | 86  | 88  | 90   | 92   | 93   | 91   |
| Air Resistance (Gurley) | s/100 ml         | ISO 5636-5 | 25             | 25  | 25  | 25  | 25  | 25  | 25  | 25  | 25   | 25   | 25   | 25   |
| Roughness Bendtsen      | TS               | ISO 5636-3 | 100            | 110 | 115 | 120 | 120 | 120 | 125 | 130 | 140  | 160  | 170  | 190  |
|                         | RS               |            | 250            | 260 | 260 | 280 | 290 | 310 | 320 | 330 | 330  | 340  | 380  | 400  |
| Moisture                | %                | ISO 287    | 6,0            | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0  | 6,0  | 6,0  | 6,0  |

The table above shows typical values for certain basis weights.

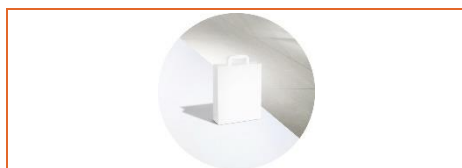
The applied testing method standards always refers to the latest version of released version of the standard in reference to the issue date of Technical Data Sheet

MD - Machine Direction

CD - Cross Direction

TS - Top side

RS - Reverse side



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Test conditions:  
ISO 554:1976  
(23 °C ± 1 °C/RH 50% ± 2%)

