

## PRODUCT SPECIFICATION

### 55gsm Waxcoat

**Description:** Waxcoat is a Machine Glazed Bleached Kraft coated with 20gsm of paraffin wax.

| Property                 | Test Method   | Unit             | Typical Value  |
|--------------------------|---------------|------------------|----------------|
| Grammage                 | ISO 536       | g/m <sup>2</sup> | <b>35(+20)</b> |
| Moisture                 | ISO 287       | %                | <b>4.7</b>     |
| Tensile Strength MD      | ISO 1924 - 3  | kN/m             | <b>2.92</b>    |
| Tensile Strength CD      | ISO 1924 - 3  | kN/m             | <b>1.55</b>    |
| Breaking Length MD       | ISO 1924 - 3  | m                | <b>8500</b>    |
| Breaking Length CD       | ISO 1924 - 3  | m                | <b>4500</b>    |
| Bursting Strength        | ISO 2758      | kPa              | <b>165</b>     |
| Burst Index              | ISO 2758      |                  | <b>48</b>      |
| Porosity Bendsten        | ISO 5636-1    | ml/min           | <b>450</b>     |
| Cobb 60                  | ISO 535       | g/m <sup>2</sup> | <b>21</b>      |
| Smoothness Bendtsen (WS) | ISO 8791 - 2  | ml/min           | <b>50</b>      |
| Smoothness Bendtsen (TS) | ISO 85791 - 2 | ml/min           | <b>500</b>     |
| Opacity                  | ISO 2471      | %                | <b>60</b>      |

### APPROVALS:

All raw materials and additives used in production comply with ISO 9001 & 14001 and BRC/IoP.

### DECLARATION OF COMPLIANCE:

Based on analytical results from testing the paper grade mentioned above, this paper grade is judged to meet the requirements of the regulations referred to below for direct contact with dry, moist, and fatty foodstuffs.

EU Regulation 1935/2004 *on Materials and articles intended to come into contact with food.*

Commission Regulation No. 2023/2006 *on G.M.P for materials and articles intended to come into contact with food.*

EU Directive 94/62/EC *on Packaging and Packaging Waste*

EU Regulation 10/2011 *on plastic materials and articles intended for direct food contact*

Recommendations BfR XXXV - *Hard Paraffin, Microcrystalline Waxes and Mixtures of these with Waxes, Resins and Plastics*

Recommendations BfR XXXVI and XXXVI/2 *(State of September 2009)*

FDA-CFR §176.170 – *Components of paper and paperboard in contact with aqueous and fatty foods.*

FDA-CFR §176.180 - *Components of paper and paperboard in contact with dry food.*



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## Revision History:

| Review Date | Reviewed By   | Next Review Due | New Issue No. | Comments                                   |
|-------------|---------------|-----------------|---------------|--|
| 09.10.2020  | P McCarthy    | 09.10.2021      | 1             | New document                               |
| 08.10.2021  | Paul McCarthy | 08.10.2022      | 2             | Document reviewed. No amendments required. |

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