

# Gloss 80 / CG349 / KB90

## Facestock

### Gloss 80

*Description* Gloss coated woodfree paper.

*Applications* High resolution standard gloss label for multicolour printing. Extensively used in food and beverage industry, logistics, stationery and cosmetics products.

*Printing techniques* Suitable for printing on flexo (all types), letterpress (conventional and UV), conventional offset, offset UV, screen printing, hot stamping, thermal transfer, laser.

| Property            | Norm       | Units            | Value | Tolerance |
|---------------------|------------|------------------|-------|-----------|
| Substance           | ISO 536    | g/m <sup>2</sup> | 80    | ± 4%      |
| Thickness           | ISO 534    | µm               | 67    | ± 4%      |
| Bekk smoothness     | ISO 5627   | s                | ≥ 850 |           |
| Brightness ISO      | ISO 2470-2 | %                | 93    | ± 2       |
| Whiteness CIE       | ISO 11475  | %                | 117   | ±3        |
| Opacity             | ISO 2471   | %                | 88,5  | -2        |
| Paper gloss 20°     | ISO 8254-1 | %                | 66    | ± 5       |
| Tensile strength MD | ISO 1924-2 | kN/m             | 4,9   | -0,5      |

## Adhesive

### CG349

*Description* Permanent adhesive with high adhesion on frozen surfaces. For labelling frozen and cold surfaces at very low temperature. Not recommended for frosted surfaces.

*Shelf life* From the date of manufacture 2 years in 20°C and RH 50%.

| Property                                 | Norm  | Units  | Value | Tolerance |
|--|-------|--------|-------|-----------|
| Adhesion (Peel 180° 20'/stainless steel) | FTM 1 | N/25mm | 13,7  | ≥ 10,3    |
| Shear (1kg, in <sup>2</sup> /glass)      | FTM 8 | min    | 35    | ≥ 20      |
| Tack (Quick Stick stainless steel)       | FTM 9 | N      | 10,8  | ≥ 7,8     |
| Minimum labelling temperature            |       | °C     | -35   |           |
| Minimum service temperature              |       | °C     | -40   |           |
| Maximum service temperature.             |       | °C     | +60   |           |

## Liner

### Kraft White 90

*Description* One-side coated white liner: good stiffness and high dimensional stability for varying temperatures. Available in solid and split back.

*Color* White

| Property               | Norm       | Units            | Value   | Tolerance |
|------------------------|------------|------------------|---------|-----------|
| Substance              | ISO 536    | g/m <sup>2</sup> | 90      | ± 4%      |
| Thickness              | ISO 534    | µm               | 90      | ± 4       |
| Tensile strength MD/CD | ISO 1924-2 | kN/m             | 5,2/2,6 | -0,6/-0,3 |

## Certificates

### Product approvals and usage certificates

Facestock

#### **Gloss 80**

Contact with foodstuff (BfR XXXVI) - Facestock and Liners (paper)

EN 1230 Sensorial analysis

Packaging and packaging waste Directive 94/62/CE

EN 71-3 Toy safety

Electric and electronic equipment (RoHS)

Adhesive

#### **CG349**

German Recommendation BfR XIV (ISEGA) - Adhesives

EN 71-3 Toy safety

Packaging and packaging waste Directive 94/62/CE

Liner

#### **Kraft White 90**

Contact with foodstuff (BfR XXXVI) - Facestock and Liners (paper)

Packaging and packaging waste Directive 94/62/CE

EN 71-3 Toy safety

Electric and electronic equipment (RoHS)

Values are subject to change without notice. Last updated 2/15/2016.

The technical information that appears in this document reflects our knowledge and experience, but should only be considered as a general guideline.

*Our self-adhesive mill is certified to the strictest environmental standards ISO 14001 and EMAS and has successfully completed audits for ISO 50001, ISO 9001 and ISO 45001 certification. Adestor paper products are available with PEFC™ and FSC® chain of custody certificates upon request.*