



## CHROMOLUX 700

High white, glossy premium board with an extra smooth surface. Available in seven grammages from 180 to 400 g/m<sup>2</sup>.

### FEATURES AND BENEFITS

- Fine smoothness for best laminating results
- Superior gloss
- Superior look
- Wide choice of substances
- High bulk for outstanding embossing results
- Very fine screen possible
- Direct food contact approved (ISEGA)

### APPLICATION

- Packages for cosmetics, cigarettes and confectionery
- Brochures, covers and presentation folders
- Business cards, greeting cards and calendars
- Graphical applications

### PRINTING

- Offset, flexo, gravure and silk screen print

### TECHNICAL SPECIFICATIONS

| SUBSTANCE <sup>1</sup>                  |              | g/m <sup>2</sup>                                                                    | 180    | 215    | 250    | 275    | 300    | 350    | 400    | TEST METHOD                        |
|-----------------------------------------|--------------|-------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|------------------------------------|
| <b>Sheets</b>                           |              |  | •      | •      | •      | •      | •      | •      | •      |                                    |
| <b>Reels</b>                            |              |  | •      | •      | •      | •      | •      | •      | •      |                                    |
| <b>Caliper</b> <sup>2</sup>             |              | µm                                                                                  | 203    | 242    | 284    | 316    | 345    | 403    | 460    | DIN 53105, part 1                  |
| <b>Gloss</b> <sup>3</sup>               |              | %                                                                                   | › 65   | › 65   | › 65   | › 65   | › 65   | › 65   | › 65   | DIN 54502, R (45°)                 |
| <b>Roughness</b> <sup>5</sup>           | top side     | µm                                                                                  | ‹ 0.80 | ‹ 0.80 | ‹ 0.90 | ‹ 1.0  | ‹ 1.0  | ‹ 1.0  | ‹ 1.0  | PPS 78                             |
|                                         | reverse side | ml/min                                                                              | ‹ 480  | ‹ 480  | ‹ 480  | ‹ 480  | ‹ 480  | ‹ 480  | ‹ 480  | DIN 53108                          |
| <b>Brightness</b> <sup>2</sup>          | top side     | %                                                                                   | 94.8   | 94.8   | 94.8   | 94.8   | 94.8   | 94.8   | 94.8   | DIN 53145, part 2 / Elrepho SF 450 |
| <b>Bending stiffness</b> <sup>3</sup>   | MD           | mNm                                                                                 | › 2.5  | › 5.0  | › 8.5  | › 12.0 | › 14.5 | › 24.0 | 33.0   | DIN 53121 (5°/50mm)                |
|                                         | CD           | mNm                                                                                 | › 1.0  | › 2.0  | › 4.0  | › 5.5  | › 7.0  | › 11.5 | › 15.5 | DIN 53121 (5°/50mm)                |
| <b>pH-Value</b> <sup>2</sup>            | top side     |                                                                                     | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    |                                    |
| <b>Testing Condition 50% RH at 23°C</b> |              |                                                                                     |        |        |        |        |        |        |        | DIN 50014                          |

<sup>1</sup> nominal <sup>2</sup> average <sup>3</sup> minimum <sup>5</sup> maximum

Subject to alteration. Status: 08/2015

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