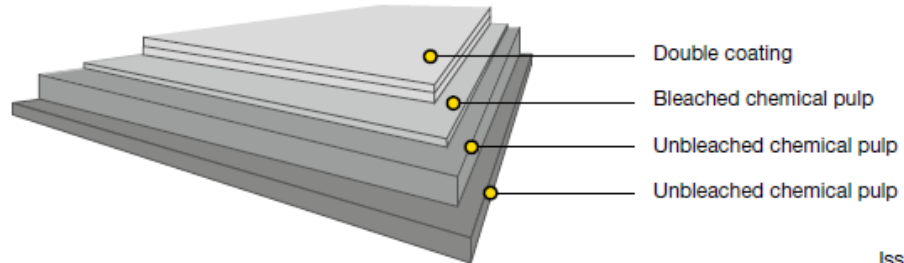


## Multilayer kraft back board

CKB Carrier is a multilayer kraft back board with a bleached chemical pulp layer on the top side and other layers made of unbleached chemical pulp. The board has a double coating on the top side. The top side is white, the reverse side is brown.



Issued: 01.2020  
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### Technical specification

| Property / Unit                               | Tolerance   |      |      |      |      |      | Standards  |
|-----------------------------------------------|-------------|------|------|------|------|------|------------|
| Grammage, g/m <sup>2</sup>                    | ±4%         | 270  | 300  | 330  | 360  | 380  | ISO 536    |
| Thickness, µm                                 | ±5%         | 400  | 455  | 510  | 560  | 575  | ISO 534    |
| Bending moment Taber 15° MD, mNm              | -15%        | 14.7 | 21.7 | 29.5 | 36.7 | 41.1 |            |
| Bending moment Taber 15° CD, mNm              | -15%        | 7.1  | 10.6 | 13.5 | 18.4 | 21.3 |            |
| Bending resistance L&W 15° MD, mN             | -15%        | 305  | 450  | 610  | 760  | 850  | ISO 2493-1 |
| Bending resistance L&W 15° CD, mN             | -15%        | 147  | 220  | 280  | 380  | 440  |            |
| Bending stiffness DIN 5° MD, mNm              | -15%        | 25.3 | 38.3 | 51.9 | 64.6 | 72.3 |            |
| Bending stiffness DIN 5° CD, mNm              | -15%        | 12.5 | 18.7 | 23.8 | 32.3 | 37.4 |            |
| Moisture, %                                   | ±1          | 8.5  | 8.5  | 8.5  | 8.5  | 8.5  | ISO 287    |
| ISO Brightness C/2°, %, Top                   | min. 78     | 80   | 80   | 80   | 80   | 80   | ISO 2470-1 |
| Surface Smoothness, PPS 10, µm, Top           | max. 1.7*   | 1.4  | 1.4  | 1.4  | 1.4  | 1.5  | ISO 8791-4 |
| Surface Smoothness, Bendtsen, ml/min, Reverse | max. 1800** | 1100 | 1100 | 1100 | 1200 | 1200 | ISO 8791-2 |
| Gloss 75°, %                                  | min. 22     | 27   | 27   | 27   | 27   | 27   | ISO 8254-1 |
| Scott Bond, J/m <sup>2</sup>                  | min. 150    | 250  | 250  | 250  | 250  | 250  | TAPPI 569  |
| Edge wicking, g/mm.m                          | max. 1.0    | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  |            |
| Tearing resistance MD, mN                     | -15%        | 5700 | 6600 | 7100 | 7800 | 8200 | TAPPI T414 |
| Tearing resistance CD, mN                     | -15%        | 4000 | 5000 | 6100 | 7300 | 7500 |            |
| Cobb 60, g/m <sup>2</sup> , Top               | ±10         | 30   | 30   | 30   | 30   | 30   | ISO 535    |
| Cobb 60, g/m <sup>2</sup> , Reverse           | ±10         | 30   | 30   | 30   | 30   | 30   |            |
| Tensile strength MD, kN/m                     | -18%***     | 19   | 22   | 25   | 28   | 29   | ISO 1924-3 |
| Tensile strength CD, kN/m                     | -18%        | 14.5 | 15.5 | 16.0 | 16.5 | 16.8 |            |