

| SUBGRADE       | GRAMMAGE               | THICKNESS | BULK                    | STIFFNESS LW 5° |            |                 | *STIFFNESS TABER 15° (*) |            | PPS       | BRIGHTNESS TOP | BRIGHTNESS BACK | COBB60' BACK           | COBB60' TOP            | SCOTT BOND             |
|----------------|------------------------|-----------|-------------------------|-----------------|------------|-----------------|--------------------------|------------|-----------|----------------|-----------------|------------------------|------------------------|------------------------|
|                |                        |           |                         | LW 5° MD        | LW 5° CD   | LW 5°           | MD                       | CD         |           |                |                 |                        |                        |                        |
| <b>KTB</b>     | <b>g/m<sup>2</sup></b> | <b>µm</b> | <b>cm<sup>3</sup>/g</b> | <b>mNm</b>      | <b>mNm</b> | <b>√(MD*CD)</b> | <b>mNm</b>               | <b>mNm</b> | <b>µm</b> | <b>%</b>       | <b>%</b>        | <b>g/m<sup>2</sup></b> | <b>g/m<sup>2</sup></b> | <b>J/m<sup>2</sup></b> |
| <b>KTB 280</b> | 280                    | 345       | 1,23                    | 19,0            | 9,5        | 13,4            | 9,8                      | 4,9        | 2,5       | 84             | 72              | 200                    | 50                     | 200                    |
| <b>KTB 300</b> | 300                    | 370       | 1,23                    | 23,0            | 11,0       | 15,9            | 11,2                     | 5,3        | 2,5       | 84             | 72              | 200                    | 50                     | 200                    |
| <b>KTB 320</b> | 320                    | 395       | 1,23                    | 28,0            | 13,3       | 19,3            | 13,6                     | 6,5        | 2,5       | 84             | 72              | 200                    | 50                     | 200                    |
| <b>KTB 350</b> | 350                    | 435       | 1,24                    | 36,0            | 17,1       | 24,8            | 17,5                     | 8,3        | 2,5       | 84             | 72              | 200                    | 50                     | 200                    |
| <b>KTB 380</b> | 380                    | 475       | 1,25                    | 45,0            | 21,4       | 31,0            | 21,8                     | 10,4       | 2,5       | 84             | 72              | 200                    | 50                     | 200                    |
| <b>KTB 400</b> | 400                    | 500       | 1,25                    | 54,0            | 25,7       | 37,3            | 26,2                     | 12,5       | 2,5       | 84             | 72              | 200                    | 50                     | 200                    |
| <b>KTB 420</b> | 420                    | 530       | 1,26                    | 64,0            | 30,5       | 44,2            | 31,1                     | 14,8       | 2,5       | 84             | 72              | 200                    | 50                     | 200                    |
| <b>KTB 450</b> | 450                    | 565       | 1,26                    | 72,0            | 34,3       | 49,7            | 35,0                     | 16,7       | 2,5       | 84             | 72              | 200                    | 50                     | 200                    |

| PROPERTY      | GRAMMAGE | THICKNESS | STIFFNESS LW 5° | *STIFFNESS TABER 15° | PPS        | BRIGHTNESS TOP | BRIGHTNESS BACK | COBB60' BACK | COBB60' TOP | SCOTT BOND |
|---------------|----------|-----------|-----------------|----------------------|------------|----------------|-----------------|--------------|-------------|------------|
| TOLERANCES    | (+/-) 3% | (+/-) 5%  | (-) 15%         | (-) 15%              | (+) 0,5    | (-) 2          | (-) 2           | (+/-) 50     | (+/-) 20    | (-) 30     |
| TEST STANDARD | ISO 536  | ISO 534   | DIN 53121       | ISO 2493             | ISO 8791-4 | ISO 2470-2     | ISO 2470-2      | ISO 535      | ISO 535     | ISO 15754  |

\*L&W Figures are guaranteed. Taber figures were calculated based on L&W Stiffness values.

\*\*Sampling is done according to ISO 186 Method. Conditioning: T= 23 ±1 °C and RH= 50 ± 3%

\*\*\*Our products meet the EN 13430 Recyclability and EN 13432 Biodegradability Standard requirements.

\*\*\*\*Applied to 95 % of all determined measured single values. Single value is a calculated average of 5 samples measurements per sheet.

\*\*\*\*\*Reel Core ID: 152 (+/-) 2mm

\*\*\*\*\*Width Tolerance (+) 3 mm