

PRODUCT SPECIFICATION

Product Group: Genus Royal - Virgin Kraft Top Liner

Constructed as virgin unbleached kraft pulp top ply and high grade secondary fiber bottom ply. Made through state of art machinery and process to ensure supreme strength, runnability at corrugation and printability.

| GSM | 150 | 180 | 200 | 250 |
|--|---------|---------|---------|---------|
| Conditioned Basis Weight (7.5%Moisture),g/m2, TAPPI T 410 | | | | |
| Target | 150 | 180 | 200 | 230 |
| Lower Guide | 143 | 171 | 190 | 219 |
| Upper Guide | 158 | 189 | 210 | 242 |
| Bulk , cc/gm , TAPPI T 411 | | | | |
| Average | 1.40 | 1.40 | 1.40 | 1.40 |
| Range (+/-) | 0.05 | 0.05 | 0.05 | 0.05 |
| Moisture Content, % - TAPPI T 412 | | | | |
| Average | 7.5 | 7.5 | 7.5 | 7.5 |
| Range (+/-) | 1.0 | 1.0 | 1.0 | 1.0 |
| Burst Factor - TAPPI T 807 / ISO 2759 | | | | |
| Target | 35 | 35 | 35 | 35 |
| Range (+/-) | 0 | 0 | 0 | 0 |
| Ring Crush Test -CD, kN/m - TAPPI T 822 | | | | |
| Target | 1.80 | 2.40 | 2.80 | 3.50 |
| Range (+/-) | 0.10 | 0.20 | 0.25 | 0.25 |
| Cobb-60Seconds (Top Side), g/m² - TAPPI T 441 | | | | |
| Target | 40 | 40 | 40 | 40 |
| Range (+/-) | 10 | 10 | 10 | 10 |
| Bendtsen Smoothness, ml/min, ISO 8791-2 | | | | |
| Target | 650 | 650 | 650 | 750 |
| Range (+/-) | 100 | 100 | 100 | 100 |
| Colour Coordinates – ISO 11664-4 | | | | |
| L* | 62 ± 2 | 62 ± 2 | 62 ± 2 | 62 ± 2 |
| a* | 5 ± 0.5 | 5 ± 0.5 | 5 ± 0.5 | 5 ± 0.5 |
| b* | 24 ± 1 | 24 ± 1 | 24 ± 1 | 24 ± 1 |

*per TAPPI standard condition of 23±1 Degree C and 50±2 % RH