

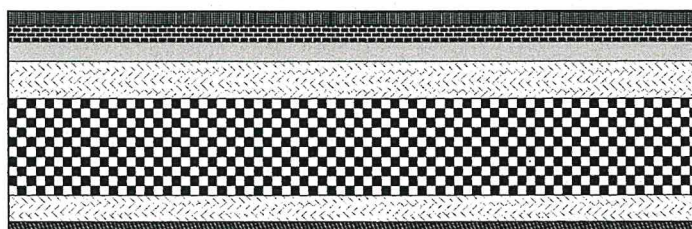


# JK PAPER LTD.

## SPECIFICATIONS

| JK Ultima                            |           |        |      |      |      |      |      |      |      |                       |
|--------------------------------------|-----------|--------|------|------|------|------|------|------|------|-----------------------|
| Property / Unit                      | Tolerance | Values |      |      |      |      |      |      |      | Standards             |
| Grammage (gsm)                       | ± 3%      | 200    | 230  | 250  | 270  | 300  | 320  | 350  | 400  | ISO 536               |
| Bulk (cm <sup>3</sup> /g)            | ± 5%      | 1.42   | 1.45 | 1.45 | 1.48 | 1.50 | 1.50 | 1.50 | 1.50 |                       |
| Thickness (µm)                       | ± 5%      | 284    | 334  | 362  | 400  | 450  | 480  | 525  | 600  | ISO 534               |
| Bending Resistance L&W mN MD         | ± 15%     | 126    | 183  | 233  | 288  | 386  | 459  | 589  | 832  | TappiT 556 om-95      |
| Bending Resistance L&W mN CD         | ± 15%     | 63     | 91   | 120  | 148  | 203  | 242  | 319  | 451  | TappiT 556 om-95      |
| Bending Resistance L&W mN GM         |           | 89     | 129  | 167  | 207  | 280  | 333  | 433  | 612  | TappiT 556 om-95      |
| Moisture (%)                         | ± 0.5     | 6.5    | 6.5  | 6.5  | 6.5  | 6.5  | 7.5  | 7.5  | 7.5  | TappiT 412            |
| ISO Brightness - Top (%)             | ± 1       | 90     | 90   | 90   | 90   | 90   | 90   | 90   | 90   | ISO 2470              |
| ISO Brightness - Back (%)            | ± 1       | 90     | 90   | 90   | 90   | 90   | 90   | 90   | 90   | ISO 2470              |
| Surface Roughness (PPS) - Top (µm)   | max.      | 1.5    | 1.5  | 1.5  | 1.5  | 1.5  | 1.5  | 1.5  | 1.5  | TappiT 555            |
| Gloss 75° - Top (%)                  | ± 5       | 45     | 45   | 45   | 45   | 45   | 45   | 45   | 45   | TappiT 480            |
| Cobb 60 - Top (gsm)                  | ± 5       | 30     | 30   | 30   | 30   | 30   | 30   | 30   | 30   | TappiT 441            |
| Cobb 60 - Back (gsm)                 | ± 5       | 35     | 35   | 35   | 35   | 35   | 35   | 35   | 35   | TappiT 441            |
| IGT Dry Pick (Medium Viscosity), m/s | min.      | 1.2    | 1.2  | 1.2  | 1.2  | 1.2  | 1.2  | 1.2  | 1.2  | ISO 3782 and ISO 3783 |
| Scott Ply Bond (j/m <sup>2</sup> )   | min.      | 130    | 130  | 130  | 130  | 140  | 140  | 140  | 140  | TappiT 569 pm-00      |

- All properties are according to JK Paper, unit Central Pulp Mills measurements.
- Test Climate 23°C & Rh 50% as per ISO 187. Tolerances based upon 95% confidence limits, apply to reel/bundle average. In order to verify, reel/bundle average shall be based on 10 single measurements randomly sampled within the reel/bundle.
- FSC-MIX Board accredited by SCS USA, Certificate Code:- SCS-COC-003746 (available on request).
- Confirming to US FDA 176, 170 for Food grade application.



Top Coat  
Pre Coat  
Surface Sizing  
Virgin Chemical Pulp  
Virgin Customised Pulp  
Virgin Chemical Pulp  
Back Coat

Effects: Hair & eyebrows - Abrasive Spot UV. Eyes, lips, nails & earrings - Gloss Spot UV.  
Logo - Hot Foil Stamp in Blue. Background strands - Hot Foil Stamp in Gold.  
Lady - Fully Embossed.