

Chenming GmbH

**UNCOATED WOODFREE PAPER OFFSET CIE-155**

Specifications

| Property                                  | Tolerance | Value   |      |      |      |      |      | Standard |
|---|-----------|---|------|------|------|------|------|----------|
| Grammage (g/m <sup>2</sup> )              | +/-1      | 60  | 70   | 80   | 90   | 100  | 120  |          |
| Thickness (µm)                            | +/-1      | 76  | 86   | 97   | 107  | 115  | 135  |          |
| Ash (%)                                   | +/-1%     | 22  | 23   | 25   | 25   | 27   | 28   |          |
| Opacity (%)                               |           | ≥88   | ≥91  | ≥92  | ≥92  | ≥93  | ≥93  |          |
| Surface Absorb Weight (g/m <sup>2</sup> ) | +/-15     | 35  | 35   | 35   | 35   | 35   | 35   |          |
| Breaking Length (km)                      |           | >5.0  | >4,7 | >4,7 | >4,7 | >4,5 | >4,5 |          |
| Folding Indurance (Time)                  |           | >15   | >15  | >15  | >15  | >15  | >15  |          |
| Printing Surface strength /IGT (m/s)      |           | ≥2,0  | ≥2,0 | ≥2,0 | ≥2,0 | ≥2,0 | ≥2,0 |          |
| Moisture (%)                              | +/-0,5%   | 5,5   | 5,5  | 5,5  | 5,5  | 5,5  | 5,5  |          |
| Expansion Rate (%)                        |           | ≤3,0  | ≤3,0 | ≤3,0 | ≤3,0 | ≤3,0 | ≤3,0 |          |
| Brightness (%)                            | +/-2%     | 100   | 100  | 100  | 100  | 100  | 100  |          |
| LAB Value                                 |           | L: 70g and below ≥ 89      80g ≥ 90   |      |      |      |      |      |          |
| Smoothness (s)                            |           | ≥35   | ≥35  | ≥35  | ≥35  | ≥35  | ≥35  |          |
| Dirt (pc/m <sup>2</sup> )                 |           | 0.2-0.5 mm <sup>2</sup> ≤ 60; 0.5-1.5mm <sup>2</sup> ≤5; ≥1.5mm <sup>2</sup> ≤0 |      |      |      |      |      |          |