

## NINGBO STAR C2S ART BOARD (AB2/AB4/AB6)

| TECHNICAL INFORMATION |                  |            |           |             |      |      |      |      |      |      |      |
|-----------------------|------------------|------------|-----------|-------------|------|------|------|------|------|------|------|
| Property              | Unit             | Standard   | Tolerance | Values      |      |      |      |      |      |      |      |
| Grammage              | g/m <sup>2</sup> | ISO 536    | ±3%       | 210         | 230  | 250  | 260  | 270  | 300  | 350  | 400  |
|                       | (24"x36" 500)lb  | ISO 536    |           | 129         | 141  | 154  | 160  | 166  | 184  | 215  | 246  |
| Caliper               | pt               | ISO 534    | ±0.4      | 8.9         | 9.8  | -    | -    | -    | -    | -    | -    |
|                       |                  |            | ±0.6      | -           | -    | 11.2 | 11.8 | 12.4 | 14.0 | 16.3 | 18.7 |
| Thickness             | μ m              | ISO 534    | ±10       | 225         | 250  | -    | -    | -    | -    | -    | -    |
|                       |                  |            | ±15       | -           | -    | 285  | 300  | 315  | 355  | 415  | 475  |
| Stiffness CD          | mN·m             | ISO 2493   | target    | 1.60        | 2.30 | 3.00 | 3.80 | 4.40 | 6.00 | 9.10 | 13.7 |
|                       |                  |            | min       | 1.40        | 2.20 | 2.80 | 3.60 | 4.00 | 5.40 | 8.20 | 12.3 |
| Stiffness MD          | mN·m             | ISO 2493   | target    | 3.00        | 4.10 | 5.20 | 6.30 | 7.00 | 10.8 | 16.1 | 22.4 |
|                       |                  |            | min       | 2.80        | 3.70 | 5.00 | 5.70 | 6.30 | 9.20 | 13.8 | 19.9 |
| Moisture              | %                | ISO 287    | ±1.0      | 6.5         |      |      |      |      |      |      |      |
| PPS Top/Back          | μ m              | ISO 8791-4 | target    | 1. 20/1. 20 |      |      |      |      |      |      |      |
|                       |                  |            | max       | 1. 40/1. 40 |      |      |      |      |      |      |      |
| Brightness Top/Back   | %                | ISO 2470-2 | ±2.0      | 93.0        |      |      |      |      |      |      |      |
| Gloss75°Top/Back      | %                | ISO 8254-1 | ≥         | 60          |      |      |      |      |      |      |      |
| IGT Blister Top/Back  | m/s              | ISO 3783   | ≥         | 1.50        |      |      |      |      |      |      |      |
| COBB 60s Top/Back     | g/m <sup>2</sup> | ISO 535    | ≤         | 55.0        |      |      |      |      |      |      |      |
| PLY Bonding           | J/m <sup>2</sup> | GB/T 26203 | ≥         | 150         |      |      |      |      |      |      |      |
| Squareness            | mm               | GB/T 451.1 | -         | 0-2.0       |      |      |      |      |      |      |      |
| Size Deviation        | mm               | GB/T 451.1 | -         | 0-2.0       |      |      |      |      |      |      |      |

• Items marked \* are reference standards

Test Condition:(50±2)%RH,(23±1)°C

Version: A-U(Issued in October 2024, Supersedes version dated in November 2023.)

Manufactured by: Ningbo Asia Pulp & Paper Co.,Ltd