

Chenming GmbH  
**POPLAR-STAR–Art Board-C2s**

Specifications:

Test climate: 23°C – 50% RH

Property	Tolerance	Value								Standard
Grammage (g/m <sup>2</sup> )	+/- 4%	200	210	230	250	270	300	340	400	ISO 536
Thickness (µm)	+/- 10%	205	235	255	280	305	355	405	460	ISO 534
Stiffness MD Taber 15° (mNm)	+/- 15%	3,3	3,8	5	6,8	8,5	13,2	19,8	28,6	ISO 2493
Stiffness CD Taber 15° (mNm)	+/- 15%	1,8	2,3	3	3,9	5,5	7,7	11	17,6	ISO 2493
Brightness Top (%)	+/- 2%	93								ISO 2470-2
Brightness Bottom (%)	+/- 2%	93								ISO 2470-2
Roughness PPS (µm)		≤1.5								ISO 8791-4
Water Absorption COBB 60 (g/m <sup>2</sup> )		≤60								ISO 535
Bulk (cm <sup>3</sup> /g)		1,02	1,12	1,11	1,12	1,13	1,19	1,19	1,15	
Ply bond (J/m <sup>2</sup> )		≥150								TAPPI 833
Gloss 75° (%)		≥55								ISO 8254-1
Printing Surface Strength /IGT (m/s)			≥2.0	≥2.0	≥2.0	≥1.8	≥2.0	≥2.0	≥2.0	ISO 3783
Ink Absorption / K&N (%)	+/- 3%	17-22								
Moisture (%)	+/- 0,5%		6,8	6,8	6,8	6,8	6,8	6,8	6,8	ISO 287

Chenming Shouguang Board mill operates in compliance with following standards: **ISO 9001, ISO 14001, FSC**