

## EMAMI PAPER MILLS LTD

BM-4 BOARD MACHINE UNIT: -BALASORE

### SPECIFICATION SHEET

Grade Name: Emami Folding Box Board Uncoated

Grade Id: FBU

| Substance (GSM) Tappi T 410 om-02 / ISO 536 | Caliper (μm) Tappi T 411 om-97 | Bulk cc/gm | Bending Resistance (L&W) mN -Tappi T556 om-95 |     |     |
|---------------------------------------------|--------------------------------|------------|-----------------------------------------------|-----|-----|
|                                             |                                |            | MD                                            | CD  | GM  |
| 150                                         | 248                            | 1.65       | 80                                            | 35  | 53  |
| 160                                         | 264                            | 1.65       | 85                                            | 40  | 58  |
| 165                                         | 272                            | 1.65       | 90                                            | 45  | 64  |
| 170                                         | 281                            | 1.65       | 111                                           | 53  | 77  |
| 190                                         | 314                            | 1.65       | 155                                           | 74  | 107 |
| 200                                         | 330                            | 1.65       | 170                                           | 81  | 117 |
| 210                                         | 346                            | 1.65       | 188                                           | 90  | 130 |
| 220                                         | 363                            | 1.65       | 203                                           | 99  | 142 |
| 230                                         | 380                            | 1.65       | 230                                           | 113 | 161 |
| 250                                         | 412                            | 1.65       | 345                                           | 173 | 244 |
| 300                                         | 510                            | 1.70       | 530                                           | 252 | 365 |
| 350                                         | 595                            | 1.70       | 590                                           | 300 | 420 |
| Tol. : ± 3%                                 | ± 5%                           | ± 5%       | ± 15% on Geometric Mean values                |     |     |

| PARAMETER                          | UNIT             | TEST PROCEDURE              | VALUES  |
|------------------------------------|------------------|-----------------------------|---------|
| Scott Plybond                      | j/m <sup>2</sup> | Tappi T 569 pm-00           | >130    |
| Bendsten Smoothness TS             | ml/min           | Tappi T T 479 om-81         | 250 max |
| Bendsten Smoothness TS             | ml/min           | Tappi T T 479 om-81         | 350 max |
| ISO Brightness TS C/2 <sup>0</sup> | %                | ISO 2470                    | 75 min  |
| ISO Brightness BS C/2 <sup>0</sup> | %                | ISO 2470                    | 75 min  |
| Cobb (60sec) TS                    | gsm              | Tappi T441 om-98/ISO535     | 40max   |
| Cobb (60sec) BS                    | gsm              | Tappi T441 om-98/ISO535     | 50max   |
| Moisture 150-250gsm                | %                | Tappi T-412 om-98 / ISO 287 | 5.5-7.0 |
| Moisture 300-350gsm                | %                | Tappi T-412 om-98 / ISO 287 | 7.0-8.0 |

### Board Construction

