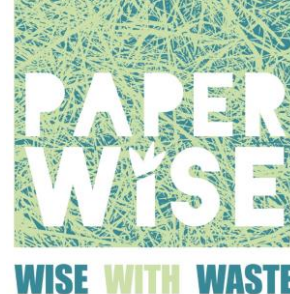


SPECIFICATIONS



PaperWise Earth Pact Naturel Moisture Resistant is environmentally friendly paper made from agricultural waste. In order to feed 7 billion people worldwide, agricultural crops such as rice, grain, corn, sugar cane, etc. are grown. On average, only 20% of the plant is used for food and 80% are stems and leaves, agricultural waste! Worldwide, the majority of this agricultural waste is burned, which is a pity in a time where raw materials and the environment are becoming increasingly important. PaperWise users give a second life to agricultural waste. In doing so, they lower their ecological footprint, add value to waste, and prevent wastage. Wise With Waste.

| NO. | PROPERTIES | METHOD | UNIT | PaperWise Earth Pact Naturel Moisture Resistant | | | |
|---|------------------------------------|------------|------------------|---|------------|------------|------------|
| | | | | 200 | 226 | 263 | 295 |
| 1 | Nominal GSM range | Tappi 410 | GSM | 200 | 226 | 263 | 295 |
| 2 | Substance Tolerance | | GSM | ± 4% | ± 4% | ± 4% | ± 4% |
| 3 | Caliper/Thickness | Tappi 441 | mm | 0,305 ± 4% | 0,355 ± 4% | 0,410 ± 4% | 0,460 ± 4% |
| 4 | Bulk | | cc/g | 1,45 +/-0,05 | | | |
| 5 | Reel width in mm. | | mm | 3650 - 3700mm. Maximum | | | |
| 6 | Brightness | | % | 40 | 40 | 40 | 40 |
| 7 | Whiteness | | | NATURAL BROWN | | | |
| 8 | Opacity | | % | 98 | 98 | 98 | 98 |
| 9 | moisture ±5% | Tappi 412 | % | 7.0 | 7.0 | 7.0 | 7.0 |
| 10 | Stiffness MD | Tappi 489 | g.cm | 50 | 84 | 101 | 141 |
| 11 | Stiffness CD | Tappi 489 | g.cm | 29 | 51 | 63 | 82 |
| 12 | Extending Rate | | % | MD≥1,5% CD≥ 3,5% According to standards of GB453-89 | | | |
| 13 | Ash Rate | | % | ≤ 7 | | | |
| 14 | smoothness WS | Tappi 538 | Sheffield | 190 | 260 | 260 | 260 |
| 15 | Smoothness FS | Tappi 538 | Sheffield | 150 | 200 | 200 | 200 |
| 16 | Porosity (max) | Bendtsen | ml/min | 350 | 350 | 330 | 330 |
| 17 | Picking FS | | VVP | 30 | 30 | 30 | 30 |
| 18 | Picking WS | | VVP | 30 | 30 | 30 | 30 |
| 19 | Sizing | | seconds | 120 | 120 | 120 | 120 |
| 20 | Blanket cleanliness | | | 1 | 1 | 1 | 1 |
| 21 | Picking spots | | | 5 | 5 | 5 | 5 |
| 22 | Cobb ₆₀ (Max.) | | g/m ² | 20 | 20 | 20 | 20 |
| 23 | Fold MD | | fold number | 65 | 65 | 65 | 65 |
| 24 | Fold CD | | fold number | 65 | 65 | 65 | 65 |
| 25 | Cellulose share agricultural waste | | % | 100 | 100 | 100 | 100 |
| 26 | Food Approved EC1935/2004 | ISEGA | | ✓ | ✓ | ✓ | ✓ |
| 28 | Compostable EN-13432 | DIN CERTCO | | ✓ | ✓ | ✓ | ✓ |
| 29 | RECYCLABLE with regular paper | | | ✓ | ✓ | ✓ | ✓ |
| PaperWise is suitable for offset- flexo-, digital- & rotogravure printing | | | | | | | |

Reels and sheets with customer specific dimensions can be produced with minimum of 8 Ton where the order needs to be tuned to the optimum use of the machine width of 370cm. Transport container only takes place from 24 Ton.