



1

Technical specifications

| Characteristics | Specification | Indication | Testing method |
|------------------------------------|------------------------------------|------------|----------------|
| Drainage | | | |
| Freeness | 350 ml (+/- 12 %) | | ISO 5267/2 |
| Bauer McNett / Fibre length | | | |
| Long fibre fraction > 30 mesh | | 33 % | |
| Medium fibre fraction 30-200 mesh | | 47 % | |
| Fines < 200 mesh | | 20 % | |
| Fibre length | | 1.3 mm | PulpEye |
| Shives | | | |
| Somerville | | 0.15 % | |
| Sheet properties | | | |
| Density | 310 kg/m ³ (+/- 10 %) | | ISO 534 |
| Bulk | 3.2 cm ³ /g (+/- 10 %) | | ISO 534 |
| Tensile index | 21 Nm/g (+/- 10 %) | | ISO 1924-2 |
| Breaking length | 2.1 km (min. 1.9 km) | | ISO 1924-2 |
| Tear index | 5.3 mNm ² /g (+/- 10 %) | | ISO 1974 |
| Optical properties | | | |
| Brightness | 60 % (min. 58.5 %) | | ISO 2470 |
| Opacity | 88 % (84.5 %–91.5 %) | | ISO 2471 |
| Others | | | |
| pH | 6.8–7.2 | | |

2

Testing method

Tolerances

| | | |
|--|--|------------------------|
| Testing climate | 23 °C 50 % | +/- 1 °C +/- 2 % rH |
| Disintegration | 10 minutes on 90 degrees water, 3000 rpm +/- 5 % | |
| Forming of handsheets | PFI sheetformer | |
| Optical physical testing of handsheets | In accordance to ISO standards | |
| Values measured at time of production | | |

3

Mill certificates

| | |
|--------------------------|---|
| Forest management | FSC® DNC-COC-000756, DNC-CW 000756 and PEFC™ 143468-2013-CoC-NOR-NA |
| Environmental management | ISO 14001 |
| Quality management | ISO 9001 |
| Energy management | ISO 50001 |