

NBSK Skärblacka pulp

Nordic Bleached Softwood Kraft Pulp

Production unit: Skärblacka

Material

Billerud NBSK Skärblacka is a long-fibre pulp produced from pine and spruce harvested from the central and southern parts of Sweden. This pulp has strong, flexible fibers providing excellent bonding, high tear-tensile strength and good stiffness as well as good printability. NBSK Skärblacka is available as FSC® and PEFC™ certified.

End-use applications

packaging, printing and writing papers and specialty applications

Approvals

NBSK Skärblacka is produced in compliance with BfR and FDA for food contact as well as approved for EU Ecolabel and Nordic Ecolabel.

Certification

Skärblacka mill is certified in accordance with ISO 9001, ISO 14001, ISO 50001, FSC® (FSC® C108782) and PEFC CoC (PEFC/05-33-137)

Chemical and physical properties

| Property | Unit | Average | Method |
|--------------|---------------------|---------------|-----------------|
| Brightness | % | 89 | ISO 2470 |
| Impurities | mm ² /kg | 2 | ISO 5350 |
| Ash content | % | 0.15 | ISO 1762 |
| Extractives | % | < 0.05 | ISO 14453 |
| Fibre length | mm | 2.0 – 2.4 | FS5 ISO 16065-2 |
| Coarseness | mg/m | 0.190 - 0.200 | FS5 ISO 16065-2 |

| Property | Unit | | | | | | Method |
|----------------------|------------------------|-----|------|------|------|-------|------------|
| Beating | PFI | 0 | 1000 | 2500 | 6500 | 10000 | ISO 5264-2 |
| Drainage | SR | 14 | 16 | 19 | 32 | 51 | ISO 5267-1 |
| Tensile index | kNm/kg | 35 | 64 | 81 | 97 | 100 | ISO 1924-3 |
| Tear index | Nm ² /kg | 24 | 16 | 12 | 10 | 9 | ISO 1974 |
| Burst index | kPa m ² /kg | 2.4 | 4.6 | 6.0 | 7.4 | 7.7 | ISO 2758 |
| Density | kg/m ² | 601 | 672 | 714 | 738 | 760 | ISO 534 |
| Tensile Stiff. index | MNm/kg | 5.7 | 7.7 | 8.6 | 9.4 | 9.6 | ISO 1924-3 |
| Light scat coeff | m ² /kg | 28 | 22 | 19 | 16 | 15 | ISO 9416 |

| Dimensions | Unit | Bale | Bale Unit |
|------------|------|------|-----------|
| Weight | kg | 200 | 1600 |
| Height | mm | 460 | 1840 |
| Length | mm | 830 | 830 |
| Width | mm | 640 | 1280 |