TERRA

# HS | HIDROSAICA

## Semichemical fluting type

### CEPI code: 44

**Characteristics:**

- High performance fluting.
- Excellent cost/resistance unit ratio.
- Alternative to semi-chemicals, with recycled fibre.
- Wide range of grammages and applications.
- Suitable for food contact*.
- Excellent machinability.

**Applications:**

- Sustainable packaging.
- Fruit and vegetable market.
- Light industry.
- Climatic chambers, frozen goods.
- Uses with large resistance requirements in dry and humid environments.

* For contact conditions and/or special instructions, see our Declaration of Conformity.

100% recycled and recyclable papers

SAICA

# HS | HIDROSAICA

## Semichemical fluting type

* For contact conditions and/or special instructions, see our Declaration of Conformity.

## target characteristics

| TEST | STANDARD | UNIT | HIDROSAICA | | | | | |
|---|---|---|---|---|---|---|---|---|
| Nominal basis weight | ISO 536<br>ISO 18522 | g/m² | 105 | 115 | 127 | 135 | 145 | 160 |
| Nominal moisture index | On-line | % | 9 | 9 | 9 | 9 | 9 | 9 |
| SCT, CD | ISO 9895<br>ISO 18522 | kN/m | 2,2 | 2,4 | 2,8 | 3 | 3,2 | 3,5 |
| | | kN.m/kg | 21 | 21 | 22 | 22 | 22 | 22 |
| S-Test MD (**) | ISO 7763<br>ISO 18522 | kN/m | 1,15 | 1,40 | 1,75 | 1,95 | 2,20 | 2,55 |
| CMT 30/50, MD | ISO 7263 | N | 210 | 230 | 279 | 338 | 363 (1) | 400 |
| | | N.m²/g | 2 | 2 | 2,2 | 2,5 | 2,5 (1) | 2,5 |
| CCT 30/50, CD | ISO 16945 | kN/m | 1,6 | 1,8 | 2,2 | 2,4 | 2,6 | 2,9 |
| | | kN.m/kg | 15,5 | 15,5 | 17 | 18 | 18 | 18 |

## guaranteed characteristics

| TEST | STANDARD | UNIT | HIDROSAICA | | | | | |
|---|---|---|---|---|---|---|---|---|
| Nominal basis weight | ISO 536<br>ISO 18522 | g/m² | 105 | 115 | 127 | 135 | 145 | 160 |
| Mean basis weight | | | nominal ± 3% | | | | | |
| Nominal moisture index | On-line | % | 9 | 9 | 9 | 9 | 9 | 9 |
| Mean moisture index | | | nominal -1+0,5 | | | | | |
| SCT, CD | ISO 9895<br>ISO 18522 | kN/m | 2 | 2,2 | 2,5 | 2,7 | 2,9 | 3,2 |
| | | kN.m/kg (*) | 19 | 19 | 20 | 20 | 20 | 20 |
| S-Test MD (**) | ISO 7763<br>ISO 18522 | kN/m | 0,95 | 1,15 | 1,45 | 1,65 | 1,85 | 2,20 |
| CMT 30/50, MD | ISO 7263 | N | 179 | 196 | 241 | 297 | 319 (2) | 352 |
| | | N.m²/g (*) | 1,7 | 1,7 | 1,9 | 2,2 | 2,2 (2) | 2,2 |
| CCT 30/50, CD | ISO 16945 | kN/m | 1,4 | 1,6 | 1,9 | 2,2 | 2,3 | 2,6 |
| | | kN.m/kg (*) | 13,5 | 13,5 | 15 | 16 | 16 | 16 |
| Production centre | | | SP<br>FR<br>PL | SP<br>FR<br>PL | SP<br>FR<br>PL | SP<br>FR<br>PL | SP<br>FR<br>UK | SP<br>FR |

(*) The index guaranteed values refer to the nominal basis weight.
(1) 290N /2,0 N.m²/g for paper manufactured in PM11 (UK)
(2) 247N/1,7 N.m²/g for paper manufactured in PM11 (UK)
(**) S-Test values associated are indicative

Access the complete and always updated file.

Valid from May 2025.