

ISLA Duo

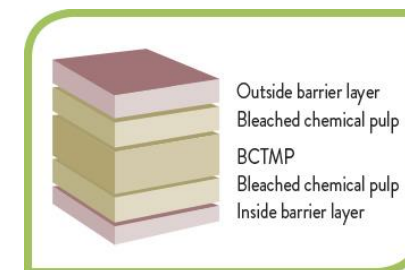
Product Data Sheet



Recyclable - Repulpable - Renewable

| PRODUCT DESCRIPTION |
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| Dispersion coated board for cups Heat sealable double-sided moisture barrier system |

| MAIN END USES |
|---------------|
| Hot beverages |



TECHNICAL SPECIFICATION

Tentative grade specification – not binding

| PROPERTY | UNIT | TOLERANCE | | | | | | | | STANDARD |
|-----------------------------------|------------------|-------------|------|------|------|------|------|------|------|----------|
| Grammage | g/m ² | ± 5 % | 195 | 208 | 223 | 242 | 270 | 295 | 325 | ISO 536 |
| Thickness | µm | ± 5 % | 260 | 285 | 310 | 340 | 380 | 420 | 460 | ISO 534 |
| Caliper | pt | ± 5 % | 10,2 | 11,2 | 12,2 | 13,4 | 15,0 | 16,5 | 18,1 | |
| Bending moment Taber 15°, MD | mNm | - | 5,3 | 6,8 | 8,8 | 10,7 | 13,9 | 17,5 | 24,0 | ISO 2493 |
| Bending moment Taber 15°, CD | mNm | - | 2,2 | 2,9 | 3,9 | 4,7 | 6,5 | 8,5 | 10,5 | |
| Bending Resistance L&W 15°, MD *) | mN | - | 109 | 141 | 182 | 222 | 287 | 362 | 497 | ISO 2493 |
| Bending Resistance L&W 15°, CD *) | mN | - | 45 | 59 | 81 | 97 | 135 | 176 | 217 | |
| Moisture | % | ± 2 %-units | 8,0 | 8,0 | 8,0 | 8,0 | 8,0 | 8,5 | 8,5 | ISO 287 |

*) Indicative value

| PROPERTY | UNIT | TOLERANCE | | STANDARD |
|-------------------------|------------------|-------------|-----|--------------|
| ISO Brightness C/2, top | % | ± 2 %-units | 76 | ISO 2470-1 |
| Stretch, CD | % | - | 5,0 | ISO 1924-3 |
| Cobb 30 min, back | g/m ² | | 10 | ISO 535:1991 |

Specified thickness values include the barrier layer thickness

- Sealing parameters to be verified in cup production
- Printable in flexo with suitable inks and printing conditions
- Printability in offset and digital processes to be verified in each case
- Suitability of the product for the intended end use and possible limitations should be verified in advance

