TERRA

HF | HIDROFORCE

semichemical fluting type high performance

CEPI code: 61

Characteristics:

- 100% recycled fluting with very high performance.
- The most rigid paper in the Saica paper range.
- Alternative to semi-chemical papers.
- Excellent machinability and bonding.

Applications:

- Uses with large resistance requirements in humid environments.
- Sustainable packaging.
- Export and overseas fruit and vegetable market.
- Climatic chambers, frozen goods.

100% recycled and recyclable papers

SAICA

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

target characteristics

TEST	STANDARD	UNIT	HIDROFORCE		
Nominal basis weight	ISO 536 ISO 18522	g/m²	145	160	170
Nominal moisture index	On-line	%	9	9	9
SCT, CD	ISO 9895 ISO 18522	kN/m	4,1	4,5	4,7
		kN.m/kg	28	28	27,5
S-Test MD (**)	ISO 7763 ISO 18522	kN/m	2,25	2,60	
CMT 30/50, MD*	ISO 7263	N	363	400	425
		N.m²/g	2,5	2,5	2,5
CCT 30/50, CD	ISO 16945	kN/m	3,2	3,5	3,7
		kN.m/kg	22	22	22

guaranteed characteristics

TEST	STANDARD	UNIT	HIDROFORCE		
Nominal basis weight	ISO 536 ISO 18522	g/m²	145	160	170
Mean basis weight				nominal ± 3%	
Nominal moisture index	On-line	%	9	9	9
Mean moisture index				nominal -1+0,5	
SCT, CD	ISO 9895 ISO 18522	kN/m	3,8	4,2	4,4
		kN.m/kg (*)	26,5	26,5	26
S-Test MD (**)	ISO 7763 ISO 18522	kN/m	1,95	2,30	2,50
CMT 30/50, MD*	ISO 7263	N	319	352	374
		N.m²/g (*)	2,2	2,2	2,2
CCT 30/50, CD	ISO 16945	kN/m	2,9	3,2	3,4
		kN.m/kg (*)	20	20	20
Production centre			SP	SP	SP

(*) The index guaranteed values refer to the nominal basis weight.
(**) S-Test values associated are indicative

Access the complete and always updated file.

Valid from October 2025.