

EARTH PACT NATURAL OFFSET
SUGARCANE
100% PAPER

February 2024

Sustainable and Quality advantages

- Sugarcane plants are processed into sugar, while the bagasse left is used for paper and paperboard production.
- Prevents deforestation because 1 ton of sugarcane paper saves 8 trees (compared to eucalyptus trees from Brazilian cultivation).
- The upcycled sugarcane paper ---TREE-FREE fibers--- is a good fresh fiber for recycling up to seven times.
- The certified lifespan of our white and natural ---light beige--- paper is a great advantage when compared to other recycled and alternative fiber papers and paperboards.
- Printers value its smooth and stable surface, free from dust or contaminants during the printing process.
- Natural color woodfree paper is suitable for flexo, offset, and digital printing.
- The ink remains stable without bleeding or mottling, ensuring color durability.

Characteristic	Units	Test Method	PAPER		PAPERBOARD			
			70 g/m2	90 g/m2	150 g/m2	200 g/m2 12 Pt	263 g/m2 16 Pt	295 g/m2 18 Pt
Thickness	microns	T411	101.00	130	205	305	406	457
Cobb size FS	g/100 cm2	T411			50	50	50	50
Brighthness FS	% ±10					40	40	40
CURL 50%HR	MM ±4					0	0	0
Picking FS	Maximum	PP99203021	30	30	30	30	30	30
Picking WS	Maximum	PP99203021	30	30	30	30	30	30
Sizing	seconds(Min.)	T530	250	200	200			
Fluor Tech	%(Max.)					1	1	1
Blanket Cleaness	Maximum	PP99203021	1	1	1	1	1	1
Fold CD	Fold number	T423			65	65	65	65
Fold MD	Fold number	T423			65	65	65	65
Moisture	%	T412	6.5	6.5	6.5	6.2	6.2	6.2
Smoothness WS	Sheffield(Max.)		190	195	190	260	260	260
Smoothness FS	Sheffield(Max.)	T538	150	150	170	200	200	200
Opacity	%(Min.)	T425	88	93	95			
Grammage	g/m2	T410	70	90	150	200	263	295
Picking Spots	Maximum	PP99203021	5	5	5	5	5	5
Tear CD	g(Min.)	T414	40	40	85			
Stiffness CD	g.cm(Min.)	T489			10	24	57	63
Stiffness MD	g.cm(Min.)	T489			10	39	92	115
Tensile MD	lbf/0,5inch(Min.)	T494	12	12				
Tint Ah Tech	Hunter Units(Max.)		2.5	2.5	2.5	2.5	2.5	2.5
Tint Bh Tech	Hunter Units(Max.)		16	16	16	16	16	16
Tint Lh Tech	Hunter Units(Max.)		81	81	81	81	81	81



TREE-FREE



The paper mill is certified in management systems:



The paper is certified for direct food contact:



RECYCLABLE

CALIMA GmbH
EARTH PACT NATURAL PVP C1S PAPER AND PAPERBOARD
Rolls and Sheets Tolerances

Roll Tolerances

Dimension	Tolerances	
Roll Width	Nominal Width	±3.0 mm
Roll Diameter	Nominal Diameter	±50 mm

Sheet Tolerances

Sheet Dimensions		Tolerance, mm	
Length	Width	Length Tolerance	Width Tolerance
Up to 100 cm		0.0 to 2.0 mm	
Up to 130 cm	Width until 120 cm	0.0 to 2.5 mm	0 to 1.0 mm
Greater than 130 cm		0.0 to 3.0 mm	

CALIMA GmbH
EARTH PACT NATURAL OFFSET PAPER AND PAPERBOARD
Notes to the Technical Data Sheets

Best if it's used before six months of manufactured. Store indoors. Keep it away from the sun, moisture and sudden changes of temperature. Conserve the product in it's vapor water barrier wrapp.

The Technical Sheet of this product shows the standar values and tolerance ranges of our process. At least 95% of the production data are in the tolerance ranges(see technical estandar Tappi T-1206). We reserve the righth to modify the tolerance ranges of the product.

Test conditions are controled at a temperature of 23 ± 2 °C and a relative humidity of 50 ± 5 % as established in Tappi T-402. The user is responsible for the safety in own testing of the product. Contact for assistance CALIMA GmbH ---www.calima-eco.com--- if have any question about testing or using this product.