



NEXTGENPAPER SUGAR CANE RESIST OXY+ THE NEXT GENERATION MULTI-BARRIER PAPER

Product description

Sugar cane paper combined with water-based functional barrier
Fully recyclable multi-barrier paper with the properties of plastic composites.

Properties

- 100% natural bagasse paper and board in grammages from 70 - 295 g/m²
- 100% alternative fibres / 100% upcycled product that can be disposed of and recycled in waste paper.
- Substrate free of trees and clearings
- Multifunctional, heat-sealable and demand-specific environmentally friendly barrier.

Material characteristics paper

Characteristics	Unit	Method				
Grammage	g/m²		70	90	200	295
Thickness	µm	T411	101	130	305	457
Smoothness TS	Sheffield	T538	190	195	260	260
Smoothness WS	Sheffield	T538	150	150	200	200
Tensile strengths CD	g.cm	T489			24	63
Tensile strengths MD	g.cm	T489			39	115
Tint Ah	Hunter Units		-1 – 2,5	-1 – 2,5	-1 – 2,5	-1 – 2,5
Tint Bh	Hunter Units		8 – 16	8 – 16	8 – 16	8 – 16
Tint Lh	Hunter Units		66 - 81	66 - 81	66 - 81	66 - 81



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TECHNICAL DATA SHEET

Product data NextGenPaper Sugar Cane Resist Oxy+

Property	Unit	Method	NGP Resist Oxy+	NGP Resist Oxy+	NGP Resist Oxy+	NGP Resist Oxy+
Weight	g/m ²		70	90	200	295
COBB ₆₀	g/m ²	ISO 535:2014-06	0,3	0,3	0,3	0,3
COBB ₁₈₀₀	g/m ²	ISO 535:2014-06	6	6	6	6
WVTR (23°C/85%)	g/(m ² ·d)	ISO 2528:2017-10	60	60	60	60
OTR (23°C/50%)	cm ³ / (m ² ·d·bar)	ISO 15105-1	36,3-194	36,3-194	36,3-194	36,3-194
Grease permeability	KIT	ISO 16532-02:2007-09	>12	>12	>12	>12
Grease permeability	Olive oil	ISO 16532-01:2008-12	>24h	>24h	>24h	>24h

Application

- Packaging for moist, fatty and dry food as well as non-food products for which plastic films and composites have been used to date.
- Folding boxes also frozen
- Flowpacks
- Cardboard wrap tins
- Various block bottom bags
- Fruit and vegetable trays
- Take away packaging / To-go cups

Printing method image side

- Screen printing
- Flexo printing
- Offset printing
- Gravure printing
- Digital printing

Delivery form

- Roll goods
- Sheet material



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Certifications

- ✓ Direct food contact, Regulation (EC) 1935/2004, LFBC, (EU) No 10/2011, Swiss Ordinance SR 817.023.21
- ✓ Recycling PTS-RH 021:2012
- ✓ Oxygen ISO 15105-1
- ✓ Water vapour ISO 2528:2017-10
- ✓ Water ISO 535:2014-06
- ✓ Grease tightness according to ISO 16532-02:2007-09 & ISO 16532-01:2008-12

This document is for information purposes only. All our information about this product has been compiled to the best of our knowledge, i.e., subject to due diligence and according to the state of research at the time of publication. This data sheet does not claim to be complete.

Responsibility for testing the suitability of the product for specific applications lies solely with the purchaser.

We reserve the right to change this document at any time. Status June 2023

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