

ASSEMBLEIA LEGISLATIVA DO ESTADO DO RIO GRANDE DO SUL
SUPERINTENDÊNCIA ADMINISTRATIVA E FINANCEIRA
DEPARTAMENTO DE COMPRAS, ALMOXARIFADO E PATRIMÔNIO
CENTRAL DE COMPRAS E CONTRATOS

COMUNICADO DE RETOMADA DA SESSÃO

PREGÃO ELETRÔNICO N.º 31/2024

O Pregoeiro comunica aos fornecedores participantes do Pregão Eletrônico acima referido que a gestora técnica finalizou a análise do laudo e da amostra apresentados pelo vencedor provisório deste Pregão (FOR1), e concluiu que com a sua aprovação. Anexo a este comunicado estão os laudos e o despacho da gestora.

- Com isso, a sessão será retomada na seguinte data/horário:

No dia 09-09-2024, às 09h – será aprovada a Proposta Final do FOR1 e o prazo de recurso intermediário será iniciado. Após, será iniciado o prazo para o envio dos documentos de habilitação.

Em 06-09-2024.

Fernando Reichert da Silva,
Pregoeiro da AL-RS.

CERTIFICADO

CADEIA DE
CUSTÓDIA



A marca do manejo
florestal responsável

FSC® A000541

Suzano S.A.

Avenida Brigadeiro Faria Lima, 1355 - 6º andar, Jardim Paulistano - São Paulo/São Paulo

Escopo da certificação

Tipo de certificado: Multi-site

Padrão: FSC-STD-40-003 FSC-STD-40-004 FSC-STD-40-005 FSC-STD-40-007 FSC-STD-50-001

Grupo de produtos: Produtos de celulose e papel

Código de Licença FSC®: FSC-C010014

CÓDIGO DE IDENTIFICAÇÃO: IMA-COC-001388
IMA-CW-001388

VALIDADE: 14/12/2019 a 13/12/2024

Informações adicionais sobre o escopo incluindo lista de produtos completa e a validade está disponível no info.fsc.org

Este certificado não constitui evidência de que um determinado produto de um empreendimento é certificado FSC®. Um produto só pode ser considerado certificado se declarado claramente nos documentos de venda e entrega do produto. Este certificado é de propriedade do Imaflora e todas as cópias ou reproduções devem ser devolvidas ou destruídas, se solicitadas.

CF_MOD_57_01

Laura Prada | Secretária Executiva



Bluecup BIO LF



Gramatura / Grammage	Norma Ref. Standard	Unidade Unit	244		264	
			N	T	N	T
Gramatura/ Grammage	ISO 536	g/m ²	244	± 4%	264	± 4%
Gramatura/ Grammage	ISO 536	lb/1000ft ²	50,0	± 4%	54,1	± 4%
Espessura/ Thickness	ISO 534	µm	362	± 5%	392	± 5%
Espessura/ Caliper	ISO 534	pt	14	± 5%	15	± 5%
Umidade/ Moisture	TAPPI 412	%	7	± 1,5	7	± 1,5
Rigidez Taber Long/ Stiffness MD	TAPPI 489	gf.cm	88	≥74,8	145	≥123,2
	TAPPI 489	mN.m	8,6	≥7,3	14,2	≥12,0
Rigidez Taber Trans/ Stiffness CD	TAPPI 489	gf.cm	40	≥34,0	65	≥55,2
	TAPPI 489	mN.m	3,9	≥3,3	6,4	≥5,4
Cobb Forro /Cobb sizing (Top)	ISO 535	g/m ²	10	≤ 20	10	≤ 20
Cobb Suporte/Cobb sizing (Back)	ISO 535	g/m ²	5	≤ 15	5	≤ 15
Alvura forro/ Brightness ISO top	ISO 2470	%	84	≥80	84	≥80

N = Nominal

T = Tolerância / Tolerancia

- Unidade de fabricação / Mill: Suzano.
- Condições de ensaios: 23°C / 50% UR (de acordo com a ISO 187). Tolerâncias: baseadas em 95% do intervalo de confiança, aplicadas para média da bobina ou pallet. Para verificação, a média deve ser calculada em 5 medições de amostras escolhidas aleatoriamente no pallet/bobina. Deverá estar dentro do limite especificado ao menos 19 dos 20 pallets/bobinas analisados. / Test climate conditions: 23°C / 50% RH (according to ISO 187). Tolerances: based upon 95% confidence limits, apply to reel/pallet average. In order to verify, reel/pallet average shall be based on 5 single measurements randomly sampled within the reel/pallet. These averages will be for at least 19 of 20 reels/pallets within the specification limits.
- Reservamo-nos o direito a alterações. / We reserve the right to change.
- Para aplicações diferentes das citadas acima, entrar em contato com a Suzano. / For applications other than those mentioned above, contact Suzano.
- Prazo de validade: Recomenda-se a utilização deste produto num prazo máximo de 12 meses a partir da sua data de produção. / Expiration date: It is recommended to use this product within a maximum period of 12 months from the date of production.

Descrição

Description

Papelcartão multicamadas não revestido, termoselável, reciclável, biodegradável, com aplicação de barreira impermeabilizante isenta de plástico em ambos os lados. Apresenta resistência a água nos dois lados e a gordura no lado interno.

Uncoated, heat-sealable, recyclable, biodegradable multi-layer paperboard with plastic-free waterproofing barrier application on both sides. It is water resistant on both sides and grease resistant on the back side.

Principais usos

Main uses

Papelcartão termoselável recomendado para formação de copos para bebidas e embalagens de alimentos com temperatura de até 40°C.

Heat-sealable paperboard recommended for forming cupstock for beverages and food packaging at temperatures up to 40°C.

Processo de impressão e acabamento

Printing process

Aplicável a impressão offset e flexografia, sendo necessário avaliar a tinta mais adequada para o processo. Impressão em bobinas, a temperatura de enrolamento deve ser menor que 40°C. É recomendado o acompanhamento ou consulta ao time técnico Suzano em caso de dúvidas, principalmente no primeiro contato com o papel cartão.

Applicable for offset and flexography printing processes, it is necessary to evaluate the most suitable ink for the equipment and processes in question. The temperature after printing should be less than 40°C. It is recommended to follow up or consult the Suzano technical team in case of doubts, especially in the first contact with the paperboard.

Recomendações de armazenamento

Storage recommendations

Antes e depois das operações de impressão e acabamento, recomenda-se também manter o material protegido das variações de temperatura e umidade. O material em Skid (Palets), não pode receber empilhamento.

Before and after printing and finishing operations, it is also recommended to keep



REGULATORY INFORMATION SHEET

Produced in Suzano mill

Product

Uncoated, heat-sealable, recyclable, biodegradable multi-layer paperboard with plastic-free waterproofing barrier application on both sides and it is water resistant.

Use: Heat-sealable paperboard recommended for forming cupstock for beverages and food packaging at temperatures up to 40°C.

Suzano Eucalyptus Bleached Kraft Pulp used in the Bluecup Bio LF is produced with the ECF (Elemental Chlorine Free) technology.

REGULATORY INFORMATION

Food contact legislations

Brazilian Regulations

The product complies with:

RDC 88/2016 – The positive list requirements and migration criteria for acid, non-acidic aqueous foods, alcoholic and dry foods on the Technical regulation on cellulosic materials, packaging and equipment intended to come into contact with food, of the National Health Surveillance Agency (ANVISA), of 29 June 2016.

RDC 589/2021 – Modify RDC 105/1999, RDC 56/2012 and RDC 88/16, of the National Health Surveillance Agency (ANVISA), of 20 December 2021.

Migration criteria for food contact

All results listed below are following the migration criteria established by RDC 88/16.

Polychlorinated Biphenyls (PCB) - They were not detected (limit < 0.25 mg/kg). The determinations were performed according to EN ISO 15318:2000.

Pentachlorophenol - It was not quantifiable (limit < 0.025 mg/kg). The determination was performed according to EN ISO 15320:2011.

Overall migration in Ethanol (10%) - The content was below the determination limit < 2.0 mg/dm².

Overall migration in N-Heptane - The content was below the determination limit < 2.0 mg/dm².

Overall migration in Deionized Water - The result was below 4.0 mg/dm².

Overall migration in Acetic acid – The result was below 5.0 mg/dm².

Release of optical brighteners (in acetic acid, ethanol, n-heptane and deionized water) – The result was 5.0.

REACH

Paper products are defined as article and no registration is required under REACH (Regulation EC 1907/2006). Substances described in the Candidate List of substances of very high concern for Authorisation (SVHC), updated on 17 January

2023, in the Substances restricted under REACH, listed in Annex XVII, updated on 05 January 2023 and in the Authorisation List under REACH, included in Annex XIV are not present in concentration above 0.1% (w/w), based upon the declarations of our raw material suppliers, in compliance with our systems for traceability of all incoming raw materials, and our knowledge of the manufacturing process.

Determination of elements

Cadmium (Cd) - It was not detected (limit < 0.004 mg/kg). The determination was performed according to BS EN 12498 method.

Mercury (Hg) - It was not detected (limit < 0.004 mg/kg). The determination was performed according to BS EN 12497 method.

Lead (Pb) - It was not detected (limit < 0.004 mg/kg). The determination was performed according to BS EN 12498 method.

Antimony (Sb) - It was not detected (limit < 0.005 mg/kg). The determination was performed in aqueous acetic acid solution (3% v/v).

Arsenic (As) - It was not detected (limit < 0.005 mg/kg). The determination was performed in aqueous acetic acid solution (3% v/v).

Barium (Ba) - It was not detected (limit < 0.005 mg/kg). The determination was performed in aqueous acetic acid solution (3% v/v).

Boron (B) - It was not detected (limit < 0.005 mg/kg). The determination was performed in aqueous acetic acid solution (3% v/v).

Copper (Cu) - It was not detected (limit < 0.005 mg/kg). The determination was performed in aqueous acetic acid solution (3% v/v).

Chromium (Cr) – It was not detected (limit < 0.005 mg/kg). The determination was performed in aqueous acetic acid solution (3% v/v).

Zinc (Zn) - It was not detected (limit < 0.005 mg/kg). The determination was performed in aqueous acetic acid solution (3% v/v).

Tin (Sn) - It was not detected (limit < 0.005 mg/kg). The determination was performed in aqueous acetic acid solution (3% v/v).

Silver (Ag) - It was not detected (limit < 0.005 mg/kg). The determination was performed in aqueous acetic acid solution (3% v/v).

BIODEGRADABILITY, COMPOSTABILITY AND ECOTOXICITY

Bluecup Bio LF meets the biodegradability, compostability and ecotoxicity requirements. The requirements of biodegradability under controlled aerobic composting conditions were defined according to the standard ABNT NBR 15448-2:2008. The product presented a percentage of biodegradability of 100% of its organic constituents after the period of 130 days under controlled aerobic composting conditions, according to the methodology of standard ISO 14855-1:2012.

The Ecotoxicity of biodegradation products was evaluated according to OECD TEST nº 208 - Guidelines for the Testing of Chemicals, Section 2, Test N°. 208: Terrestrial Plant Test: Seedling Emergence and Seedling Growth Test, 2006. The test was carried out observing the emergence capacity of selected vegetables (corn and cucumber), as well as visible phytotoxic effects. The vegetables showed no phytotoxic effects and exhibited normal variation in growth and morphology for the germinated species.

The compostability was evaluated according to DIN EN 14045:2003 e ABNT NBR 15448-2:2008. The products met disintegration through composting requirements and presented a degree of

2(3)



disintegration of at least 99.67% after a period of 120 days.

SUBSTANCES

The following substances are not intentionally added to the paper:

Bisphenol A;
Bisphenol S;
Conflict Minerals;
Nitrosamines;
Substances of animal origin;
Perfluoroalkyl and polyfluoroalkyl substances (PFAS);
Phthalates.

No animal tests are conducted on our paper and paperboards.

CERTIFIED MANAGEMENT SYSTEMS

Certifications are available on internet:
<https://www.suzano.com.br/en/thesuzano/certifications/>

- ISO 9001:2015
- ISO 14001:2015
- ISO 45001: 2018
- Chain of Custody FSC® (FSC-C010014)
Chain of Custody Cerflor/PEFC

DISCLAIMER

Suzano hereby declares that the product Bluecup Bio LF complies with the mentioned legislation. This document is based on reasonable investigation about the product, raw materials and manufacturing process made available by third parties, subject to continuous change without notice. The information contained herein reflects the status of the product information in the moment of the document release and should not be used as a warranty of any kind beyond what is expressly established herein.

Although Suzano is very careful choosing its suppliers, it does not accept any liability for any errors, omissions or for the results obtained from the use of this information. It is responsibility of the manufacturer of the finished paper products to ensure the compliance with all regulatory and legislative requirements, specifications, and limitations.

Document disclosed on February 23rd, 2023.

Praça Marechal Deodoro, 101 - Bairro Centro - CEP 90010-300 - Porto Alegre - RS
- www.al.rs.gov.br

DESPACHO

Ao DCAP.

Juntamos ao processo o Certificado de Cadeia de Custódia e a Ficha Técnica do material, todos de acordo com o exigido no TR.

Destacamos também que as amostras foram prontamente entregues e atendem plenamente as necessidades da Assembleia Legislativa.

Para prosseguimento.



Documento assinado eletronicamente por **Greice Wasckburger Steiernagel, Coordenador(a)**, em 05/09/2024, às 15:40, conforme o art. 4º, § 3º, da Resolução nº 3.145/2015.



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