

NORMPACK		NORMPACK CERTIFICATE		Registration number: 162 05 100 4491 40		Valid until: 2026-05-20	
DESCRIPTION	Company / address		Greif Sweden AB				
	Trade Name (type and/or art.no)		Kvekatorpsvägen 25, Box 203, 311 23 Falkenberg				
			SPD (HM5060XA/50100/HYA021L)				
	All layers in the material, starting with food contact layer		HDPE with or without MB				
	Substances with restrictions / SML		On request				
	Dual use substances		On request				
DESCRIPTION	Functional barrier according to (EU) No 10/2011		No				
	Assessed according to:		(EC) No 1935/2004 Framework regulation, (EU) No 10/2011 Plastics regulation as amended				
SUITABILITY	Evaluated and suitable for food types:		All food types, including food typ 01.04				
	Evaluated and suitable for time and temperature:		OM2 conditions: Long term storage at room temperature and below including hot fill				
	Single use / Repeated use		Single use				
	Other restrictions and specifications						
TESTS / CALCULATIONS	Overall Migration		Overall migration has been performed, by immersion, to food simulants A: 10% Ethanol, B: 3% Acetic acid, 95% Ethanol and D2: Veg.oil < 1% unsaponifiable matter at condition OM2, 10 days 40°C. Results < 10 mg/dm2				
	Specific migration		Specific migration has been evaluated by worst case calculation and analysis. Specific migration analysis has been performed by immersion to food simulants 95 % Ethanol and B:3% Acetic acid, (metals and PAA) at conditions 10 days 60°C Results < SML mg/kg Metals in Annex II of (EU) No 10/2011 < SML PAAs in Annex II of (EU) No 10/2011 < SML				
	Set off		Not applicable				
	Surface to volume		Surface to volume ratio applied 6 dm2 per kg of food				
	Organoleptic properties		Organoleptic properties have not been evaluated				
VERIFICATION	Examined by Normpack's secretariat, ensuring that the above material(s) / product(s) at the time of issue of the certificate is/are consistent with the material specific requirements in the Normpack Norm (see back page of certificate) and that a complete documentation does exist. The processor is responsible for fulfilling all legal requirements. This certificate is valid for two years provided that no changes are made in the composition of the material or in the relevant legal requirements. For verification of validity, contact normpack@ri.se.		2024-05-20 Susanna Andersson				



NORMPACK

THE NORMPACK NORM
amended 2024-04-16

- § 1. Materials and articles in contact with food shall meet the demands of Swedish or EU harmonized regulations, as amended:

Swedish regulations	EU-regulations – all materials	EU-regulations – specific materials
SFS 2006:804 SFS 2006:813 LIVSFS 2023:5 (Contact with Foods)	(EC) 1935/2004 (Framework reg) (EC) 2023/2006 (GMP) (EC) 178/2002 (General Food Law) (EC) 1333/2008 (Additives) (EC) 1334/2008 (Flavourings)	(EC) 450/2009 (A&I packaging) 84/500/EEC (Ceramics) 2007/42/EC (Cellophane) 93/11/EEC (N-nitrosamine) (EC) 1895/2005 (Epoxi) (EU) 10/2011 (Plastic) (EU) 2022/1616 (Recycled plastic) (EU) 2018/213 (Plastic-BPA)

- § 2. For materials not covered by Swedish or EU harmonized food contact material regulation, one of the following regulations should be used:

Warenwet	BfR	FDA	CoE (metals)
The Dutch Packaging and Food-Utensils Regulation (Warenwet), Netherland	Empfehlungen des Bundesinstitutes für Risikobewertung (BfR), Germany. Recommendations on	Code of Federal Regulations, Title 21 Food and Drugs, (FDA), USA §§ 174, 175, 176, 177, 178, 180, 181, 182, 184, 186 and 189	https://www.edqm.eu/en/food-contact-materials-and-articles

- § 3. To ensure correct use, suppliers and purchasers throughout the value chain shall confer about the suitability of the material/article for the intended purpose.

- § 4. The transfer of constituents from the food contact material to food shall be assessed.
If there is a limit regulating materials/articles, the following alternative methods are suggested to establish whether the material/article meets the demands:

- Worst case calculations
- Migration modelling
- Laboratory

All in the Normpack Norm applicable laws and recommendations shall be applied in their latest updated version when issuing a certificate

Contact: normpack@ri.se www.normpack.se

Verifikat

Transaktion 09222115557517865054

Dokument

NP certificate 162 05 100 4491 40

Huvuddokument

2 sidor

Startades 2024-05-20 11:04:03 CEST (+0200) av Susanna
Andersson (SA)

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