



NORMPACK CERTIFICATE

Registration number: 309 04 100 4561 38



Valid until: 2024-04-27

DESCRIPTION	Company / address	NPA Plast AB Gängesvägen 6, 341 31 Ljungby, Sweden
	Trade Name (type and/or art.no)	Crate liners / T-shirt bags (B15KG, B30KG, FB20KG, B30KGRL, B45KGRL)
	All layers in the material, starting with food contact layer	Polyethylene
	Substances with restrictions / SML	At request
	Dual use substances	No
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
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SUITABILITY	Evaluated and suitable for food types:	All food types
	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	Not suitable for use in microwave or conventional oven. Not suitable for cooking and high-temperature sterilization

TESTS / CALCULATIONS	Overall Migration	Migration analysis performed by supplier
	Specific migration	Migration analysis performed by supplier
	Set off	Not applicable
	Surface to volume	Ratio of food to contact area 100cm ³ /dm ²
	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.	2022-04-27
		  Susanna Andersson

NORMPACK

THE NORMPACK NORM
amended 2021-11-05

- § 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 2011:7 (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) (EC) 282/2008 (Recycled plastic) (EU) 2018/213 (Plast-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
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,

- § 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 measurements

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