



# NORMPACK CERTIFICATE

Registration number: 071 11 100 4727 37



Valid until: 2023-11-11

DESCRIPTION	Company / address	KA Lundgren AB www.kalundgren.se
	Trade Name (type and/or art.no)	Plasttarm Multilayer Excellpack
	All layers in the material, starting with food contact layer	PA/PE/PA (adhesive, printing ink)
	Substances with restrictions / SML	105-60-2, 124-09-4, 108-31-6, 111-66-0, 128-37-0, 23128-74-7, 2082-79-3, 4724-48-5, 57-11-4
	Dual use substances	E171, E321, E330, E470a, E471, E551, E1521
Functional barrier according to (EU) No 10/2011	No	

Assessed according to:	(EC) No 1935/2004 Framework regulation (EU) No 10/2011 Plastics regulation
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SUITABILITY	Evaluated and suitable for food types:	Aqueous and fatty food
	Evaluated and suitable for time and temperature:	High temperature applications up to 100°C followed by storage at room temperature and below
	Single use / Repeated use	Single use
	Other restrictions and specifications	

TESTS / CALCULATIONS	Overall Migration	Overall migration has been performed to food simulants A:10% Ethanol, B:3% Acetic acid, D2:Veg.oil < 1% unsaponifiable matter and E:MPPO at conditions 6 hours 100°C followed by 10 days 40°C and 6 hours 100°C followed by 10 days 20°C (MPPO)
	Specific migration	Specific migration has been evaluated by the supplier.  Specific migration of metals and PAA has been analysed to food simulant B:3% Acetic acid at conditions 1 hours 100°C followed by 10 days 40°C  Metals in Annex II of (EU) No 10/2011 < SML PAAs in Annex II of (EU) No 10/2011 < SML
	Set off	Evaluated by supplier
	Surface to volume	Surface to volume ratio applied 6 dm <sup>2</sup> 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.	2021-11-11
		  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
<a href="#">SFS 2006:804</a> <a href="#">SFS 2006:813</a> <a href="#">LIVSFS 2011:7</a> (Contact with Foods)	<a href="#">(EC) 1935/2004 (Framework reg)</a> <a href="#">(EC) 2023/2006 (GMP)</a> <a href="#">(EC) 178/2002 (General Food Law)</a> <a href="#">(EC) 1333/2008 (Additives)</a> <a href="#">(EC) 1334/2008 (Flavourings)</a>	<a href="#">(EC) 450/2009 (A&amp;I packaging)</a> <a href="#">84/500/EEC (Ceramics)</a> <a href="#">2007/42/EC (Cellophane)</a> <a href="#">93/11/EEC (N-nitrosamine)</a> <a href="#">(EC) 1895/2005 (Epoxi)</a> <a href="#">(EU) 10/2011 (Plastic)</a> <a href="#">(EC) 282/2008 (Recycled plastic)</a> <a href="#">(EU) 2018/213 (Plast-BPA)</a>

- § 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
<a href="#">The Dutch Packaging and Food-Utensils Regulation (Warenwet), Netherland</a>	<a href="#">Empfehlungen des Bundesinstitutes für Risikobewertung (BfR), Germany. Recommendations on</a>	<a href="#">Code of Federal Regulations, Title 21 Food and Drugs, (FDA), USA §§ 174, 175,</a>

- § 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](mailto:normpack@ri.se) [www.normpack.se](http://www.normpack.se)