



# NORMPACK-CERTIFICATE

Registration No:

010 05 400 1238 33

Valid until:

2019-05-17

**Trade name (type and/or art.no):**

Zenium M, Zenium MVA, Blown stretch PVC cling film for food contact ; art. NO.11455-1, 11545-1

DESCRIPTION

**Type of material:**

No poleolefins

**All layers in the material (start with food contact layer):**

PVC

**Suitable for food type(s)**

01. Drinks	02. Cereals, cereal products and products thereof	03. Chocolate, sugar and products thereof	04. Fruit, vegetables and products thereof	05. Fats and oils	06. Animal products and egg	07. Milk products	08. Miscellaneous products
		03.03B	04.01A 04.04 04.05D.I		06.01A 06.04A 06.02A 06.03 06.05**		08.01 08.04B 08.02 08.05 08.08A 08.03A.I 08.06A

DESCRIPTION OF FOOD

**Contact time in foreseeable use**

Time	>24h	>24h	>24h						
Temp. ° C	<-15°	< 5°	< 20°						

Includes Food Additives (E-no)

 Yes

If YES, what numbers?

E.no 472a

**CAS-no or PM/ref-no for the substances which are subject to restriction in food**

31920,88640,54930,76866,92200,26050

**Other information as restrictions and specifications****Tests/Calculations**The Food simulants are: A:10% EtOH-Ethanol, B:3% HAc-Acetic acid, C:20% EtOH-Ethanol, D1:50% EtOH-Ethanol, D2:Olive oil, E:MPPO  
x=Screening, \*Food type 01.04, D2= 95% EtOH, \*\*Whole eggs

FRF:

4

FRF(E):

10

Functional barrier

 No

COMPLETED TESTS

Food simulants:	Overall Migration				
	A	B	C	D1	D2
Time	10 d	10 d			10 d
Temp. ° C	40	40			40
Time					
Temp. ° C					

Food simulants:	Specific Migration					
	A	B	C	D1	D2	E
Time						10 d
Temp. ° C						40
Time						
Temp. ° C						

Results mg/kg	<60	Method	Measurement
Migration test		Migration test on the construction	

Results mg/kg	<60	Method	Calculation
PAA	No	Metals	<SML
Area, dm <sup>2</sup>	6	Vol, dm <sup>3</sup>	1

PRODUCTION REQUIREMENTS

**The certificate owner ensures that the production fulfils the requirements of:**

-Art 17, L 1935/2004 Traceability

 Yes

Declaration of Compliance DoC

 Yes

L 2023/2006 about Good Manufacturing Practice

 Yes

Framework regulation 1935/2004, Plastic 10/2011

The above material/article is in compliance with the requirements of the regulations specified in the Normpack Norm (see back page)

**Certificate owner ensures that:**

- there is a clear traceability of the materials/articles covered by this certificate
- no changes is made of the materials/articles which could affect this certificate (§5 Normpack Norm)
- that interacting requirements of the Normpack Norm are fulfilled (§3 Normpack Norm)

**Normpack's secretariat ensures that:**

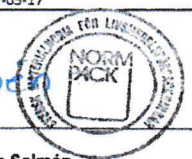
- the above material /product at the time of execution of the certificate is consistent with the requirements in the Normpack Norm - (see back page of the certificate) and that a complete documentation does exist

SIGNATURE

Certificate owner	
Company	Teampac AB
Web address (URL)	<a href="http://www.teampac.se">www.teampac.se</a>
Date:	2017-05-17
Signature of product responsible:	
Clarification of signature:	Nicolas Jorge Sanchez

**Teampac AB**

Examined by Normpack's secretariat	
Date	2017-05-17
Stamp and signature	
Clarification of signature:	Kristina Salmén



Both signatures are required for the certificate to be valid and link to Normpacks Certificate Catalogue on line

Note that if the material / the articles is subject to subsequent processing, then the certificate is not valid and it is incumbent on the processor to be responsible that legal requirements are met.

2017-03-30