

## **Certificate**

**For Trioplast AB articles 19450, 19451, 19621, 19623, 19670, 19671, 19672,  
19673, 19674**

### **Regarding packaging of food**

Trioplast AB,  
Box 143  
333 23 Smålandsstenar

2015-02-23

#### Material information

The product is based on polyethylene of known origin and is free from DMF (dimethylfumarate), phthalates and chlorine. Does not contain any substances in the level that is dangerous to health or environment, according to ECHA Candidate list, and complies with EU-directive 94/62/ECC regarding the presence of specified (heavy-) metals (<100ppm). The raw materials which are used in the film material are certified approved according to valid FDA- and EU-directive for food contact materials.

The film material is manufactured in accordance with the regulation EU 2023/2006 and complies with EU 1935/2004.

#### Test of total migration limit, OML

The material in this product was tested according to the methods EN 1186-2 and EN1186-3 concerning total migration. The tests were performed by an external laboratory in accordance with the regulation EU 10/2011. Test conditions; 10 days, 40°C, and simulants olive oil, 10% ethanol, and 3% acetic acid. The analyses showed results well below the limit specified for total migration, which is 10 mg/dm<sup>2</sup>. This certifies that the material can be used when packaging food under the following conditions and restrictions:

- the food can be wet with a pH above 4.5
- the food can be dry or fatty
- the alcohol content in the food must not exceed 3%
- storage for up to six month at temperature around 20°C, normal room temperature
- the food can be frozen together with the film
- the food can be heated together with the film up to 70°C

#### Test of specific migration limit, SML

The product contains two additives which are subject to specific migration limit; octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate SML 6 mg/kg packed food, and phosphorous acid SML 30 mg/kg packed food. The material in the film has been tested with respect to specific migration of octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate according to method EN 14338. The test was performed by an external laboratory in accordance with the regulation EG 10/2011. Test condition; 10 days and 50°C, and the simulant MPPO (Tenax, simulant for dry food). Analysis result; specific migration of octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate in the product to MPPO was 0,035 mg/kg packed food. It was not considered necessary to carry out test of specific migration for phosphorous acid since the low phosphorous acid content (1,9 mg/kg packed food calculated for 6 dm<sup>2</sup> film) in the raw material was well below the SML for the additive.

Dual use

The product does not contain any substances which are subjects to the concept dual use.

Others:

- This document is not a confirmation that we meet national or global hygiene standards.
- It is the company wrapping or packaging the food that is responsible for the final package, therefore also that this document has sufficient information for the intended use.

This certificate is valid for one year from the date it was updated. At the expiration date of this certificate a new one will be issued at the request of the packager.



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