

Declaration of Compliance
For Trioplast AB product group Trio ETEX,
Articles 9259, 9260, 9261, 9262, 9265 and 9231
Regarding packaging of food



Trioplast AB,
Box 143
333 23 Smålandsstenar

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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 regulation EU 10/2011, including its amendments.

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 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/dm². 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 most 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 five additives which are subject to specific migration limit; octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate SML 6 mg/kg packed food, 3,3',5,5'-tetrakis(tert-butyl)-2,2'-dihydroxybisphenyl,cyclic ester with [3-(3-tert-butyl-4-hydroxy-5methylphenyl)propyl] SML 5 mg/kg packed food, Zink oxide SML 25 mg/kg packed food, Calcium stearate SML 6 mg/kg packed food, and Phosphorous acid SML 30 mg/kg packed food. 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 the other three additives since the amount of the additives in the raw material was well below the SML for the additives. The amount of 3,3',5,5'-tetrakis(tert-butyl)-2,2'-dihydroxybisphenyl,cyclic ester with [3-(3-tert-butyl-4-hydroxy-5methylphenyl)propyl] was calculated to <1,5 mg/kg packed food, Zink oxide was calculated to <0,8 mg/kg packed food, Calcium stearate was calculated to <0,6 mg/kg packed food, Phosphorous acid was calculated to <1,9 mg/kg packed food, all calculated for 6 dm² film.

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Dual use additives

(Dual use, means that the additive can occur as an ingredient in food, groceries alt. medicine.)

Two additives are subjects to the concept dual use. The additives are Polyethene glycol, and Calcium stearate.

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.



Kim Andersson
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Material development