

Letter of conformance FOOD SAFE - EC1935/2004, EC 10/2011conformity

Garlock GmbH
Falkenweg1
41468 Neuss - GERMANY

We hereby confirm, our material

GYLON® blue Style 3504 and GYLON EPIX® Style 3504 (printed/unprinted, sheets, cut and deformed goods) and therewith including the product series GYLON® Style 3506 and GYLON EPIX® Style 3506 (un-colored GYLON® Style 3504) as well as product series GYLON BIO-PRO®, GYLON BIO-ECO®, GYLON BIO-ASEPT® and BIO-LINE® such as, complies with the following regulations and laws in its current version as listed below:

- European Regulation (EC) No. 1935/2004*, with relevant requirements of regulation (EC) No 10/2011
- European Regulation (EC) No. 2020/1245*, including the requirements of changed Appendix I, II, IV and V
- Foodstuffs, Consumer Goods and Animal Feed Code (Foodstuffs and animal feed code - LFGB) with the relevant requirements of the German Consumer Goods Ordinance
- BfR memorandum on the examination of high polymers No.62
- FDA 21 CFR 177.1550 They meet ingredient and extract requirements. The fillers is listed in the Food Chemicals Codex (FCC 3rd Edition) and is considered GRAS (generally recognized as safe -21CFR170.30). The pigment is approved for use in contact with food under 21CFR 178.3297.

The overall migration as well as the specific migration are below the legal limit values and in case of an application in accordance with the specifications. Compliance with the overall migration limits for all type of foods testing to simulant A, B and D2 has been performed (tests up to and including OM7 were performed).

All Monomers and Additives which are used during production are listed within Annex I of EC10/2011, no "Dual Use" additives are added. Above mentioned materials are fully synthetic and only the following Substances with a limitation and/or specification are employed in the products mentioned above:

Substance		Limitation (SML)
Tetrafluorethylen(CAS 116-14-3)	not detectable	smaller 0,05 mg/kg
Cobalt (Co)(CAS 7440-48-4)	not detectable	smaller 0,0008 mg/dm ²
Aluminium (AL) (CAS 7429-90-5)		0,025 mg/dm ²

Thus, above mentioned materials may be used safely for gaskets which are used in the production of foodstuffs and may stand in direct contact with dry, aqueous, acid and fatty foodstuffs.

**This Material also is used within process and industries, which are not rated to EC1935/2004 and only is delivered with traceability under request within ordering process.*

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Garlock India

Garlock de México
Garlock New Zealand
Garlock Singapore

Specification regarding the intended use:

- Kind of foodstuffs or procedure for which the material is suitable:
 - beverages: non-alcoholic and alcoholic drinks up to undenaturated ethyl alcohol
 - corn, cereal products, pastry products, biscuits, cakes and other baked goods
 - chocolate, sugar and products obtained from it, confectioneries
 - fruit, vegetables and products obtained from it
 - fats and oils
 - animal products and eggs
 - dairy products
 - Various products: vinegar, fried or roasted foodstuff, preparation for the cooking of soups, stocks (liquid, solid or powder), sauces, mustard, sandwiches, ice cream, dried foodstuffs, deep-frozen foodstuffs, concentrated extracts with an alcohol content of at least 6%, cacao, coffee, aromatic herbs, spices and condiments in a natural state and in an oily medium

- Duration and temperature of the treatment and storage when in contact with the foodstuff
 - High temperature applications with dry, aqueous and fatty foodstuffs up to 2 hours at temperatures of up to 175°C as well as long-term storage at room temperature and below

- Ratio between the surface in contact with the foodstuff and the volume, based on which the compliance of the material or article was determined.
 - 6 dm² surface / 1 kg foodstuff

This letter of conformance represents the latest technical standard and has an unlimited validity. It will be renewed in case of significant changes in composition or production that influence the migration of the material or if new scientific evidences emerge.

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GERMANY

Neuss, 05th August 2022 R. Kulesa, Senior Application Engineer