



BAUM KUNSTSTOFFE GMBH
Pipes made of steel/PTFE-PFA
Gewerbestraße 25-29
D-75217 Birkenfeld-Gräfenhausen

Food Regulatory Declaration of Compliance

This is to certify that the plastic materials:

PTFE virginal
PTFE black (with carbon)
PFA virginal

comply with the following legal regulations, in the version currently in force:

- Bedarfsgegenständeverordnung [German Consumer Goods Ordinance]
- Regulation (EC) No. 1935/2004 on materials and articles intended for food contact
- Regulation (EC) No. 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food
- Commission regulation (EU) No. 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food

In accordance with the above-mentioned legal regulations, the plastic materials have been tested by the laboratory of TÜV SÜD Industrie Service GmbH (Department of Chemical Analysis, Ridlerstr. 65, 80339 München).

The test report was issued on 06 June 2013; the test report number is 20131928.

Specifically limited substances:

PTFE virginal: tetrafluoroethylene with SML = 0,05 mg/kg

PTFE with carbon: tetrafluoroethylene with SML = 0,05 mg/kg

PFA virginal: tetrafluoroethylene with = 0,05 mg/kg and perfluoropropyl perfluorovinyl ether with SML = 0,05 mg/kg

Tests carried out according to Regulation (EU) No. 10/2011:

1. Global migration with 3% acetic acid, 95% ethanol and isooctane
Test conditions: 10 days / 60°C / 1dm²: 100 ml simulant
2. Sensory testing: 10 day / 60°C / 1dm²: 100 ml drinking water
3. Migration of specifically limited substances with 3% acetic acid, 95% ethanol and isooctane
Test conditions: 10 days / 60°C / 1dm²: 100 ml simulant
4. Colour fastness according to the recommendations issued by the German Federal Institute for Risk Assessment (BfR) „Plastics in Food Trade“ Part B II.IX. with water as simulant



Result:

The determined total migration values of the third migration level are below the stipulated limit value of 10 mg/dm² according to Regulation (EU) No. 10/2011. The specific migration limits that have to be considered according to the documentation are met as well.

The detected deviations concerning the parameters odour and taste with respect to the comparison specimen are within the limits of the requirements of the LFGB [German Food Legislation].

No colourfastness of the tested materials was detected; under test conditions, no tinting of the test strips in comparison to the reference strips occurred.

The above implies the suitability of the tested plastics for the following groups of food:

- aqueous foodstuffs
- acidic foodstuffs
- alcoholic foodstuffs
- fatty foodstuffs

The test at 60 °C and a 10 days duration covers a long-term storage of more than 6 months at room temperature and below, including heating up to 70 °C for a period of up to 2 hours or heating up to 100 °C for a period of up to 15 minutes.

The preparation of 1 dm² plastics to 100 ml foodstuffs simulant takes the most rigorous possible service conditions as the reference.

Date/Signature:
06.06.2013 Karadeniz (QMB)

The validity of this declaration expires in case of modification of the manufacturing formula as well as of the regulations.