

Declaration Concerning Food Contact

FDA (Food & Drug Administration)

Product: PTFE + 25 % carbon/graphite (K25)

We hereby declare that the PTFE matrix of our above-mentioned product – a carbon/graphite-filled polytetrafluoroethylene (PTFE) – complies with respect to its chemical composition with the requirements of the FDA regulation 21 CFR, Part 177, Section 1550 „Perfluorocarbon resins“.

Restrictions

- **Filler (carbon/graphite):** This is a grade filled with 25 % carbon/graphite. The filler must be considered separately; food-contact suitability only exists if the filler used also complies with the relevant FDA requirements. Suitability of the filled compound is not declared in a blanket manner.
- **Conditions of use:** Food-contact suitability must be confirmed separately for the specific PTFE K25 grade used. For unambiguous food contact, virgin (unfilled) PTFE or an explicitly FDA-compliant grade should be used.

Compliance with these requirements was not checked on the semi-finished product, as these generally relate to the final article. The exact provisions of the above-mentioned FDA regulation can be found at: <https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/cfrsearch.cfm>

The reference to 21 CFR 177.1550 relates to the PTFE base polymer. For the carbon/graphite-filled compound, food-contact suitability depends on the filler and must be confirmed case by case.

Note:

It is the customer's own responsibility to test the suitability of plastic items manufactured from or with our products for the planned application in the foodstuff industry. That includes for example:

- testing, if the physical characteristics of the plastic are suitable for the planned application,
- testing, if plastic parts manufactured by the customer fulfil the prescribed migration or extraction values,
- testing for possible influence of the plastic on the composition and/or organoleptic characteristics of foodstuffs.

This information is based on the information provided by our suppliers. We are not liable for the completeness and correctness of information contained herein. Food-contact suitability of the filled compound depends on the filler and grade and must be confirmed for the specific type used. Existing laws and regulations must be respected by the receivers/users of our product in their own responsibility.

All information contained in this document is provided in good faith and is based on sources believed to be reliable at the time of publication of this document. In the event of changes, for example due to legislation, manufacturing-related changes, or new scientific findings, this declaration will be reassessed and becomes invalid. This declaration expires automatically 12 months after the date of issue. It is the sole responsibility of our customer to ensure that the laws and regulations necessary for their intended use are complied with. Please request an up-to-date confirmation from Liedtke Kunststofftechnik if required.

The Food and Drug Administration (FDA) is an agency of the United States Department of Health and Human Services, one of the United States federal executive departments.

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