

Declaration Concerning Food Contact

FDA (Food & Drug Administration)

Product: PE 1000 conductive black

We hereby declare that the polyethylene base matrix of our above-mentioned product, due to the resin manufacturer's data, complies with the requirements of the FDA regulation 21 CFR, Part 177, Section 1520 „Olefin polymers“ concerning its chemical composition. A product-specific FDA confirmation for the conductive compound is available from the manufacturer on request.

Restrictions

Conductive modification: This is a black PE-UHMW grade made electrically conductive with conductive carbon black, produced from virgin material (no regrind). Food-contact suitability of the finished, additive-modified compound is not declared in a blanket manner; it must be confirmed separately for the specific batch supplied. Compliance with Regulation (EU) No 10/2011 is not declared by the manufacturer.

Conditions of use: For unambiguous food contact, natural (unfilled, unpigmented) PE-UHMW in food grade quality 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 177.1520 relates to the PE base matrix. For the conductive compound, food-contact suitability depends on the carbon black and additives and must be confirmed case by case – on request via the manufacturer.

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. 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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