

NEOPERL GmbH, Postfach 1262, D-79372 Müllheim

To whom it may concern

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Statement on Hygiene of Aerator materials

NEOPERL, as a leading supplier to the global plumbing industry since decades, offers products that shape and control water streams, meet flow rate requirements and protect the quality of drinking water, our number one resource.

For this reason, the products and materials used comply with applicable worldwide drinking water regulations (such as compliance to the EU drinking water directive), proved by various certificates (like eg. ACS, KTW, W270, WRAS), and carry all required and relevant approvals of well-known international testing Institutes for hydraulic, mechanical and hygienic properties (like eg. DVGW, CSTB, ETA, WRAS, SABS, AENOR, JWWA, CSA, KIWA, SITAC, SVGW, IAPMO and many more).

The above certifications include detailed type testing per applicable product standards, including verification of fitness for use in contact with drinking water.

Furthermore regular inspections of product quality acc. to our ISO9001/ISO14001 accredited quality system as well as verification of material traceability is carried out by 3rd party test laboratories and certification bodies.

The above generic information applies of course to the product category "AERATORS" as well.

Especially for the hygienic compatibility focusing on microbiological aspects, several scientific publications underline the hygienically safe use of NEOPERL aerators:

- "...However, based on statistical testing, the differences in the HPCs and the ATP content did not originate from variations in the faucet age or the aerator material in faucet ..." [Mäkinen et al. (Can. J. Microbiol. 59: 407–412 : 2013)]
- "...Legionella species were observed in faucets with aerators, faucets without aerators and faucets with laminar water flow devices, and no significant difference was found in the bacterial concentration in either water or biofilm samples..." [Wen-Kuei Huang et al. (Infection Control And Hospital Epidemiology June 2007, Vol.28, No,6)]
- DVGW W270 Microbial Enhancement on Materials to Come into Contact with Drinking Water – Testing and Assessment [11/07]

Please contact us for further information.

Best regards
NEOPERL GmbH

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