

Kraiburg TPE GmbH & Co KG
Friedrich Schmidt-Straße 2
D – 84478 Waldkraiburg



OFI Technologie & Innovation GmbH
Firmensitz: 1030 Wien, Franz-Grill-Straße 5, Objekt 213
t: +43 1 798 16 01 - 0 | office@ofi.at | www.ofi.at

Vienna, 2020-10-15

Microbiological fitness for contact with drinking water

The material TF(1)WKF-(2), tested in the versions:

- TF5WKF natural and including 11 pigments (report number 2000885/11263/1H)
- TF9WKF natural and including 11 pigments (report number 2000885/11263/2H)

is comply with the microbiological requirements for application in direct contact with drinking water. This was proved by testing the materials according to EN 16421 (former DVGW sheet W270) (OFI test reports 2000885/11263/1H and 2000885/11263/ 2H). Details regarding testing procedure and test results are itemized in the test reports.

The composition of both compounds is based on the same single components. According to the different hardness of the compounds, the single components are applied at differing proportions. The two compounds "TF5WKF" and "TF9WKF" could be considered to mark the endpoints of a series of compounds, based on the same raw materials with differing proportions.

The individual and detailed formulations of "TF5WKF" und "TF9WKF" cover the maximum concentrations of all single components („limit-formulations“). Based on this fact and with regards to the positive DVGW W270 test results for "TF5WKF" and "TF9WKF" it can be assumed, that the compounds named "TF5WKF" and "TF9WKF" – with formulations between the mentioned limit formulations – comply with the microbiological requirements for application in direct contact with drinking water too.

This compliance with the microbiological requirements also covers the range of materials between TF5WKF (55 ShA) and TF9WKF (85 ShA) including pigments which are used for colouring this materials. In detail it concerns the compounds TF(1)WKF-(2) whereat

- (1) stands for the numbers 5 - 9 and indicates the Shore A hardness (e.g. TF(5)WKF) = 55 ShA).
- (2) stands for three-figure or four-figure code of the respective colouring (e.g. TF(5)WKF-904 = 55 ShA in RAL 9004 or TF(9)WKF-7012 = 85 ShA RAL 7012).

This document is valid until **2025-10-15** and cannot be prolonged by any means.

Christoph Wirrer, Bsc,

Drinking Water Contact Materials & Hygienics