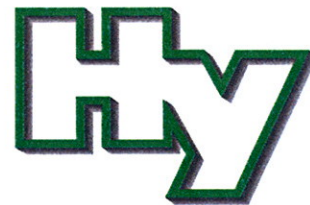


# Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie  
Direktor: Prof. Dr. rer. nat. L. Dunemann



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Reference-No.: K-214283-12-Sf/st  
Contact person: Karin Stefanski  
Prolongation: C-150364-07-Sf/st

Gelsenkirchen, 13.03.2012

## TEST CERTIFICATE according to the KTW-Recommendations (Bundesgesundheitsblatt Vol. 20, page 124 ff., 1977)

**Product:** Klinger® top-sil-ML1 (yellow)

**Test specimen:** test plates

The above-mentioned specimen meets the requirements of the KTW-Recommendations part 1.3.13 according to the test report dated 27.04.2007 Ref.-No.: C-150364-07-Sf/st for the following applications and temperatures:

| Applications:             | cold water (23°C) | warm water (60°C) <sup>§</sup> | hot water (90°C) |
|---------------------------|-------------------|--------------------------------|------------------|
| A Pipes                   | ---               | ---                            | ---              |
| B Reservoirs / Containers | ---               | ---                            | ---              |
| C Ancillaries / Fittings  | ---               | ---                            | ---              |
| D1 large gaskets          | ---               | ---                            | ---              |
| D2 small gaskets          | ---               | ---                            | passed           |

as far as the material is qualified technically.

If pipes, sealings or fittings and ancillaries do not differ in their material composition and process of manufacture, testing of the smallest diameter of the product range is sufficient.

This test certificate is valid beginning with the date of issue and is ending by 31.12.2016 as far as there are no changes in the formula.

**The test certificate is only valid in combination with a cold water certificate.**

The Director of the Hygiene-Institute  
on behalf of

Claudia Karau  
Food Chemist  
substitutional Head of the Dept. for  
water hygienic material testing



The assessment was based on the assumption that the used starting substances and monomers used to manufacture the product may completely known and no other substances are present in the product. The validity of this document expires in case of modifications in the composition of the product or the processing conditions. The results and evaluations refer to the groups of test items. This document may not be published without our written permission only complete and unchanged or duplicated.



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