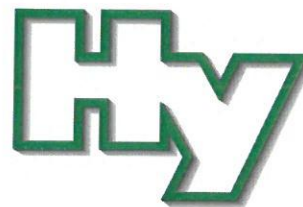


Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie

Direktor: Prof. Dr. rer. nat. L. Dunemann

Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V.



Hygiene-Institut · Postfach 10 12 55 · 45812 Gelsenkirchen

Gulf Plastic and Converting Industries (TAHWEEL)
RAKtherm
P.O. Box 30739
AL-JAZIRA AL-HAMRA, RAS AL-KHIMAH
UNITED ARAB EMIRATES

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Internet www.hyg.de

Reference: W-284743e-17-SI/Ni
Contact person: Mrs. Dr. Ch. Schell

Gelsenkirchen, 12.05.2017

TEST CERTIFICATE

**Enhancement of Microbial Growth on Materials to Come into Contact with Drinking water
Test pursuant to DVGW Technical Standard W 270, November 2007**

Client: Gulf Plastic and Converting Industries (TAHWEEL)
RAKtherm
P.O. Box 30739
AL-JAZIRA AL-HAMRA, RAS AL-KHIMAH
UNITED ARAB EMIRATES

Test material: PPR BLACK UV FITTING

Test method: Material test

According to test report **W-284743e-17-SI/Ni** of **12.05.2017**, the material **PPR BLACK UV FITTING** is conform to the requirements for the use in the area of drinking water systems pursuant to DVGW Technical Standard W 270. Details regarding testing procedure and test results are itemized in the test report.

This test certificate is valid from the date of issue and, given that the conditions and requirements remain unaltered, expires on **12.05.2022**. Upon request of the client, the validity may be extended up to another 5 year term provided that the specifications of Technical Standard W 270 are met.

The Director of the Institute

p.p.

Dr. Ch. Schell
Head of Laboratory
Department of Water Hygiene and Environmental Microbiology



The test results and assessments refer exclusively to the examined test specimens and all applicable statutory regulations. The validity of the document expires in case of modifications in the composition of the material or the processing conditions. This present document may only be published and reproduced unabridged and unaltered. This document is no DVGW certification.

Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V., Vereinsregister: **VR 519** Amtsgericht Gelsenkirchen, USt-ID: **DE125018356**
Vorstand: Prof. Dr. Werner Schlake (Vors.), Prof. Dr. Jürgen Kretschmann, Dr. Emanuel Grün, Volker Vohmann, Prof. Dr. Lothar Dunemann (geschäftsführ. Vorstand)