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.



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Reference-No.: Contact person:

K-253098-15-Bs/st Anasse Bernoussi (Eng.)

Gelsenkirchen.

03.02.2015

TEST CERTIFICATE according to the KTW-Guideline

Product:

Injection moulding parts made of Ryton PPS R-4-220NA and Ryton PPS R-4-220BL

for Series ESBE VTA500

Test specimens:

Regulating cone lower part VTA520/530/570 Art. 98082460, brown (surface: 4251 mm²)

Regulating cone top part VTA530 Art. 98082480, black (surface: 7377 mm²)

The test specimens meet the requirements according to the test report-no.: K-253098-15-Bs/st dated 03.02.2015 and K-253099-15-Bs/st (Colourfastness) dated 03.02.2015 for the following applications and temperatures, as far as technically suited:

Applications:	cold water (23°C)	warm water (60°C)	hot water (85°C)
Pipes with DN < 80 mm (domestic distribution)			
Pipes of diameter 80 mm ≤ DN < 300 mm (supply pipes)			
Pipes of diameter DN ≥ 300 mm (main pipes)			
Fittings for pipes with DN < 80 mm	passed		passed
Fittings for pipes with 80 mm ≤ DN < 300 mm	passed		passed
Fittings for pipes with DN ≥ 300 mm	passed		passed
Sealings for pipes with DN < 80 mm	passed		passed
Sealings for pipes with 80 mm ≤ DN < 300 mm	passed		passed
Sealings for pipes with DN ≥ 300 mm	passed		passed
Tanks in the domestic installations including repair systems			
Tanks other than in domestic installations including repair systems		1	

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 03.02.2020 as far as there are no changes in the formula. After this time it can be extended for further 5 years if demanded.

The Director of the Hygiene-Institute on behalf of

Dr. rer. nat Andreas Koch 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.



