TZW Karlsruhe
Prüfstelle Wasser

TZW

Test Report

due to DVGW-Standard W 270

Manufacturer	: SAINT-GOBAIN Advanced Ceramics Moenchengladbach GmbH, 41189 Moenchengladbach
Type of test material	: Siliconecarbidquality
Brand name of the test material	: **Hexoloy® SP**
Samples received	: 06/19/2006
Sampler	: manufacturer

Result of the Microbiologicical Testing

a) Quantity of microbiological slime after 3 months exposure (1st period) : 0 ml / 800 cm²
b) Quantity of microbiological slime after 3 months exposure (2nd period) : <0,1 ml / 800 cm²
c) Detailed microbiological evaluation : see annex

The evaluation of the microbiological behaviour of the material samples provided for testing due to DVGW-Standard W 270 showed an only low quantity oy microbial deposit on the surfaces analysed, what is inside the requirements of the standard.

The referred material **Hexoloy® SP** meets the requirements of DVGW-standard W 270.

This test report expires as determined in the respective standard/certification wherefore it is issued but 5 years after the date of issue at the latest.

Karlsruhe, 23.01.2007

Dr. I. Wagner
Leiter der Prüfstelle

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The publication of this test certificate - completely or in parts - is not permitted except of written approval by the test institute

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W 270 – Main Test

(Non-authorized English Version)

TZW-Az.: MO 097A/06
Karlsruhe, 23.01.2007

results after 3 months test time:

name of test material	microbial deposit per 80.000 mm²				contact culture (contact area = 26,4 cm²)		
	ml	colour/ consistency	bacteria/ml 7 days	microscopial description	bacteria 48 hours	fungi 5 days	yeasts 5 days
Hexoloy® SP Siliconecarbid	0			Because of the identified nature of the surface layers by volumetric, macroscopic and microscopic evaluation which were mainly micro-biologically indifferent, a detailed microbial evaluation of the layers was not necessary.			

results after 6 months test time:

name of test material	microbial deposit per 80.000 mm²				contact culture (contact area = 26,4 cm²)		
	ml	colour/ consistency	bacteria/ml 7 days	microscopial description	bacteria 48 hours	fungi 5 days	yeasts 5 days
Hexoloy® SP Siliconecarbid	<0,1	black / crumbly, watery		Because of the identified nature of the surface layers by volumetric, macroscopic and microscopic evaluation which were mainly micro-biologically indifferent, a detailed microbial evaluation of the layers was not necessary.			

- no growth + middling growth ++ massive growth

Reference to the original German text is recommended if necessary.