

FAKOLITH Farben GmbH
Report No. FA 2107-1241

Cleanroom[®] Suitable Materials

FK 100 FOODGRADE
Chemical Resistance: very good

FLOORING & COATING

Single product Chemical Resistance

Qualification Certificate

We hereby certify that the material stated above, provided by

FAKOLITH Farben GmbH
 Fürth, Germany

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number FA 2107-1241.

The chemical resistance tests on FK 100 FOODGRADE (color: light yellow) are performed in accordance with ISO 2812-1. Therefore the damages according to ISO 4628-1 and VDI 2083 Part 17 have been transferred to the following classification:

Chemicals	Chemical resistance	Chemicals	Chemical resistance
Formalin 37 %	excellent	Phosphoric acid 30 %	excellent
Ammoniac 25 %	excellent	Hydrochloric acid 5 %	excellent
Isopropanol 100 %	excellent	Hydrogen peroxide 30 %	excellent
Sulfuric acid 5 %	excellent	Sodium hydroxide 5 %	excellent
Peracetic acid 15 %	none	Sodium hypochlorite 5 %	good
Overall result	very good		

This document only applies to the named product in its original state and is valid for a period of 5 years from the date the first document was issued. The document can be verified under www.tested-device.com.

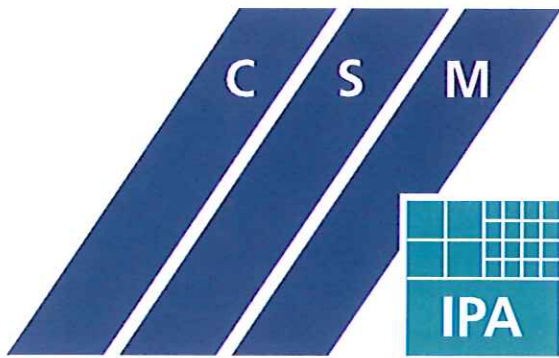
Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.

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Stuttgart, July 29, 2021
 Place, date of first document issued
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 Place, current date

on behalf of 
 Dr.-Ing. Udo Gommel, Project Manager Fraunhofer IPA





FAKOLITH Farben GmbH
Report No. FA 1803-1018

Cleanroom[®] Suitable Materials

DISPERLITH ELASTIC
 Biological Resistance: **excellent**

FLOORING & COATING

Biological Resistance

Qualification Certificate

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The CSM classification of the DISPERLITH ELASTIC according to biological resistance is based on a worst-case consideration of both procedures A and C. Therefore growth intensity according to ISO 846 and VDI 2083 Part 18 has been transferred to the following classification:

Biological resistance	Growth intensity	Classification
Fungi (Procedure A)	0	excellent
Bacteria (Procedure C)	0	excellent
Overall result	0	excellent

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Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.

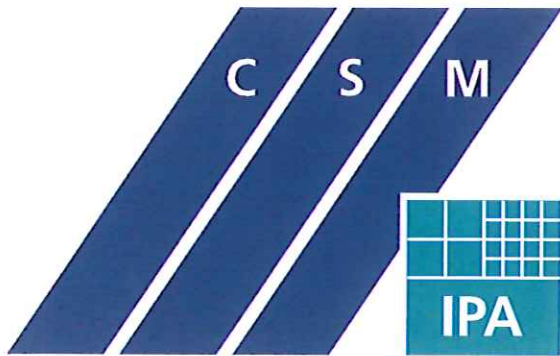
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 Dr.-Ing. Udo Gommel, Project Manager Fraunhofer IPA



FAKOLITH Farben GmbH
Report No. FA 1803-1018

Cleanroom[®] Suitable Materials

DISPERLITH FOODGRADE

H₂O₂ Absorption/Desorption:
medium

FLOORING & COATING

Hydrogen Peroxide Absorption/Desorption

Qualification Certificate

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The hydrogen peroxide absorption/desorption of DISPERLITH FOODGRADE was investigated at the stated test parameters, providing the following test result according to VDI 2083 Part 20:

Øk-value [min]	Standard deviation [min]	Classification
29.5	2.3	medium

- ≤ 5 min:..... non-absorptive
- > 5-≤ 15 min: fast
- > 15-≤ 60 min: medium
- > 60 min:..... slow
- Not determinable:..... catalytic activity

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Report No. FA 2107-1241

Cleanroom[®] Suitable Materials

FAKOPUR FOODGRADE
Chemical Resistance: good

FLOORING & COATING

Single product Chemical Resistance

Qualification Certificate

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The chemical resistance tests on FAKOPUR FOODGRADE (color: white) are performed in accordance with ISO 2812-1. Therefore the damages according to ISO 4628-1 and VDI 2083 Part 17 have been transferred to the following classification:

Chemicals	Chemical resistance	Chemicals	Chemical resistance
Formalin 37 %	excellent	Phosphoric acid 30 %	good
Ammoniac 25 %	good	Hydrochloric acid 5 %	excellent
Isopropanol 100 %	none	Hydrogen peroxide 30 %	excellent
Sulfuric acid 5 %	good	Sodium hydroxide 5 %	excellent
Peracetic acid 15 %	none	Sodium hypochlorite 5 %	excellent
Overall result	good		

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