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Zumtobel Lighting GmbH Clean II antistatic coating **Report No. ZU 2402-1495**

Statement of Qualification

Single product

Chemical Resistance





Statement of Qualification • Single product

Customer Zumtobel Lighting GmbH

Schweizerstrasse 30 6850 Dornbirn Austria

Component tested

Category: Materials

Subcategory: Coatings

Product name: Clean II SUPREME antistatic coating

(manufacturing date: 1/12/2024; color: white RAL 9016; serial number:

42186890)

Chemical resistance test

Standards/Guidelines:

Testing equipment:

Test environment parameters:

Test procedure parameters:

. Isopropanol 100 %

....1h, 3h, 6h, 24h

.....Sodium hydroxide 5 %Sodium hypochlorite 5 %

Test result/Classification

The chemical resistance of Clean II SUPREME antistatic coating was classified according to ISO 4628-1 and VDI 2083 Part 17 with the following result:

Chemical resistance	1 h	3 h	6h	24h
Formalin 37 %	0	0	0	0
Ammoniac 25 %	0	0	0	0
Hydrogen peroxide 30 %	0	0	0	0
Sulfuric acid 5 %	0	0	0	0
Phosphoric acid 30 %	0	0	0	0
Peracetic acid 15 %	1	1	2	3
Hydrochloric acid 5 %	0	0	0	0
Isopropanol 100 %	0	0	0	0
Sodium hydroxide 5 %	0	0	0	0
Sodium hypochlorite 5 %	0	0	0	0

The classification is based on a worst-case consideration. In the process, damage was assessed according to the classification system used in ISO 4628-1 and VDI 2083 Part 17:

0 =excellent 3 = weak 1 = very good 4 = very weak 2 =good 5 =none

The measuring devices used for the qualification tests are calibrated at regular intervals; their results can be traced back to national and international standards. In cases where no national standards exist, the test procedure implemented complies with the technical regulations and norms applicable at the time of the test. The relevant documentation can be viewed on request at any time.

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

Fraunhofer Institute for Manufacturing Engineering and Automation IPA

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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

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• Incubation time: