



Test Results Ceracoat „Glass Care“

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Institut Fresenius

Test of bactericidal activity in accordance with EN 1040

Excerpt from the present report

Sample designation: Ceracoat „Glass Care“

Test organisms: Staphylococcus aureus (ATCC 6538)
Pseudomonas aeruginosa (ATCC 15442)

Assessment:

According to the results of the microbiological tests Ceracoat "Glass Care" shows a significant effect against the used test organisms Pseudomonas aeruginosa and Staphylococcus aureus. Reduction of the bacteria by a factor of 100 000.

CBA – Chemische Produkt-Beratung und Analyse GmbH

Extract from the analysis report:

Physiological safety / food safety

Sample designation: Ceracoat „Glass Care“ (Sample of a toilet lid)

Analysis method and result:

The sample (surface about 1.25 dm²) was stored in 300 ml 15% ethanol for 24 hours at 40 ° C. Subsequently, a part of the ethanol was evaporated and the residue was determined gravimetrically. The residue was 2.0 mg/dm². A change by ethanol could not be found.

The requirements of § 30 and 31 of the Regulations for food traffic, tobacco products, cosmetics and other consumer products (Food and Commodities Act), as amended on 9.9.1997, are complied with.

Excerpt from endurance test:

Test: Stress cracking corrosion

Test object: Plastic disc treated with Ceracoat "Glass Care"

The disc treated with Ceracoat "Glass Care" was subjected to UV exposure for more than 3000 hours.

Of significance were at this time 2 test factors:

- Transmission loss and stress cracking corrosion (cracking)

Result after 3000 hours UV exposure:

Transmission loss: At 350 nm: 0.2% transmission loss
At 400 nm and 800 nm: 0.0% transmission loss

Cracking: No cracking on plates treated with Ceracoat "Glass Care".

After 290 - 450 hours only cracking on untreated plates.

Summary:

After an endurance test of 3000 hours of UV exposure there is no stress cracking corrosion on the disc treated with Ceracoat "Glass Care" and there is only minimal or no transmission loss!



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Seen by the
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