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Dr. Dr/Bie-schu

EXPERT'S OPINION**3745 GD 21**

for Resopal GmbH
 Hans-Böckler-Straße 4
 64823 Groß-Umstadt / Germany

Product RESOPAL HPL
 RESOPAL Compact

The HPL samples manufactured by the company mentioned above were examined according to JIS Z 2801 / ISO 22196 for their antibacterial efficacy. As test germs *Staphylococcus aureus*, *Escherichia coli*, *Klebsiella pneumoniae*, *Pseudomonas aeruginosa*, *Listeria monocytogenes*, *Salmonella enterica* und *Staphylococcus aureus* (MRSA) were chosen. These organisms can cause infections in humans and animals. Especially in the clinical sector they are responsible for a variety of secondary infectious diseases.

The results are summarized in the test report 11154/29-I dated 16 June 2021 of the company ISEGA Forschungs- und Untersuchungsgesellschaft Aschaffenburg, Germany.

After contact of the test bacteria for 24 h at 36 °C with the product mentioned above, a reduction of the microorganisms of ≥ 99.99 % compared to the initial number of bacteria at the beginning of the test was detected. Furthermore, a logarithmic reduction of above 4.0 in comparison to the initial number of germs was determined.

These results verify a very high antibacterial activity of the product against the tested germs.


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