

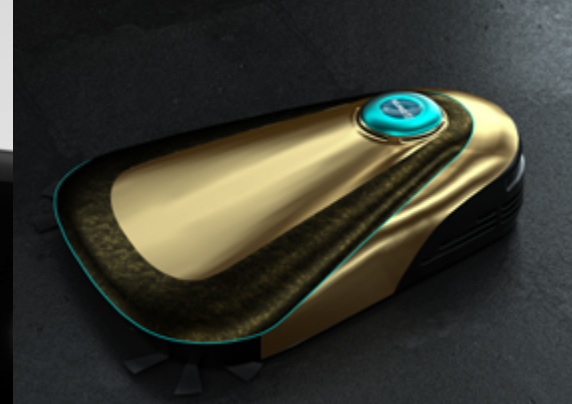


IMD BIOFENSE

Decoration and bacteria protection in a single process



The independent Fraunhofer Institute confirms
IMD BIOFENSE
antibacterial tested
DIN ISO 22196



IMD BIOFENSE

Decoration and bacteria protection in a single process

A myriad of bacteria and germs collect on surfaces that are frequently touched. But how can manufacturers sustainably optimize the hygiene of their plastic surfaces and at the same time efficiently produce series components with unique surface designs?

Sustainable hygiene protection

KURZ has developed IMD BIOFENSE to meet this demanding requirement. This innovative surface feature with a depot effect effectively wards off bacteria on plastic surfaces. It prevents the formation of a microbial biofilm over the long term and is harmless to health.

Thanks to its enormous robustness, IMD BIOFENSE also withstands even frequent skin contact or cleaning agents.

Protection for a wide range of living areas. Design freedom for your surfaces: Smart home, mobile devices, or kitchen surfaces – with KURZ IMD BIOFENSE you're on the safe side.

Integrated bacterial defense

Thanks to the efficient IMD technology, KURZ has succeeded with IMD BIOFENSE in integrating antibacterial surface properties of plastic components easily and economically into one process.

Manufactured with advantages of IMD technology, the transparent surface protection can be combined with a variety of outstanding designs. It is well suited for high-gloss surfaces as it is for special effects such as day/night designs, Shy Tech or backlighting.

Hygienic design freedom

With its antibacterial depot effect, IMD BIOFENSE is the sustainable and efficient solution for hygienic HMI surfaces and touch displays. In addition, the surface does not interfere with the function of antennas and capacitive sensor fields. A strong, invisible protection – also for autonomous driving and smart homes.

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