

7 plain bearings from igus prove mold resistant

Tests confirm several iglide materials resist fungi, bacteria

October 30, 2019 – Tests for mold growth by igus have found that seven plain bearings made with iglide materials are resistant to fungi and bacteria.

Mold is a serious health hazard, and can grow on almost any substance when moisture is present. Air conditioning systems in buildings, aircraft and cars, or anywhere condensation can form or water leaks occur, are areas prone to mold growth.

Plastics can be used by microorganisms as a source of food and by the metabolic products of the bacteria. In a laboratory test, the iglide materials were tested for the appearance of microorganisms using the DIN EN ISA 846 method A. This test examined the resistance of the materials to fungi and bacteria.

For the test, the plain bearings were stored in a special culture for four weeks at 29°C. The result: an alteration was not found on the tested materials (iglide G, G1, J, H1, X, GV0 and J350). There was also no mildew.

In building ventilators and air damper regulators, igus plain bearings offer corrosion resistance and are insensitive to dirt. They are also easy to clean and resistant to temperature, media and chemicals. On aircraft, mold-resistant iglide plain bearings are also used in seat and arm adjustment mechanisms, kitchen storage equipment and luggage lockers.

For more information, visit the igus [website](#).

Captions



Picture PM1419

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ABOUT IGUS:

igus GmbH is a globally leading manufacturer of energy chain systems and polymer plain bearings. The Cologne-based family business has offices in 35 countries and employs 3.180 people around the world. In 2016, igus generated a turnover of 592 million euros with motion plastics, plastic components for moving applications. igus operates the largest test laboratories and factories in its sector to offer customers quick turnaround times on innovative products and solutions tailored to their needs.

The terms "igus", "chainflex", "CFRIP", "conprotect", "CTD", "drylin", "dry-tech", "dryspin", "easy chain", "e-chain", "e-chain systems", "e-ketten", "e-kettensysteme", "e-skin", "energy chain", "energy chain systems", "flizz", "ibow", "iglide", "iglidur", "igubal", "manus", "motion plastics", "pikchain", "readychain", "readycable", "speedigus", "triflex", "twisterchain", "plastics for longer life", "robotlink", "xiros" and "xirodur" are protected by trademark laws in the Federal Republic of Germany and internationally, where applicable.