

New iglidur K230 material from igus for clip and flanged bearings

igus introduces a new tribo-polymer developed specifically for clip and flanged bearings typically used in sheet metal feedthroughs. Here high edge loads are common and typical applications are usually in extreme environments. The wear-resistant iglidur K230 material meets all these requirements – it is highly elastic, chemical resistant and withstands moisture.

Clip and flanged bearings have proven themselves millions of times over the years. For example, reducing friction and noise in car seats. “Sheet metal structures usually do not offer an option to press a plain bearing in a mounting hole or in a housing and fix it,” explains Robert Dumayne, dry-tech director at igus. “Instead, clip and flange bearings effectively line the punched hole, which is usually quite rough, and thus guide the shaft safely. Fast assembly, manual and automated, as well as self-retention are further requirements.”

Extensive tests in the igus laboratory show that the iglidur K230 material fits seamlessly into the best iglidur standard materials in terms of wear resistance. The material is suitable for use in humid environments and has a very good universal media resistance for application temperatures of up to 130°C.

For more information about iglidur K230 material, please visit: www.igus.co.uk/igidurK230 or call igus directly on: 01604 677240.

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About igus:

Based in Northampton in the UK and with global headquarters in Cologne, Germany, igus is a leading international manufacturer of energy chain systems and polymer plain bearings. The family-run company is represented in 35 countries and employs 3.800 people around the world. In 2017, igus generated a turnover of 690 million euros with motion plastics, plastic components for moving applications.

With plastic bearing experience since 1964, cable carrier experience since 1971 and continuous-flex cable since 1989, igus provides the right solution based on 100,000 products available from stock with between 1,500 and 2,500 new product introductions each year. 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, flizz, ibow, iglide, iglidur, igubal, manus, motion plastics, pikchain, readychain, readycable, speedigus, triflex, plastics for longer life, robolink and xiros are protected by trademark laws in the Federal Republic of Germany and internationally, where applicable.

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For further information, please contact:

Megan Campbell, igus

Tel: 01604 677240

Email: mcampbell@igus.co.uk

Sumbul Baig, Publitek

Tel: 01582 390980

Email: sumbul.baig@publitek.com