

Press information TRIBOCOMP® PA66 CF TSO



Plain-bearings made of TRIBOCOMP® PA66 CF TSO

New materials for thermoplastic-plain bearings

Thin-walled thermoplastic plain bearings in standard dimension have a broad operational area, like for example medical dosage devices, models, textile machines or industrial conveying systems. Advantages of plastic bearings over metal bearings like sinter bronze are easier installation, elimination of corrosion problems and a significantly longer life span, often in combination with a cost advantage.

EPIC Polymers Ltd. have developed in a new compound for highly loaded plain bearings cooperation with *Posthumus Plastics*. As a result of the low friction coefficient and the high heat conductivity **TRIBOCOMP® PA66 CF TSO** can be used at high temperatures and high PV values.

Fred Panhuizen, Director Marketing and Technology of *EPIC Polymers*, commentates: "For this development it was important that both, *EPIC Polymers* and *Posthumus Plastics*, have a tribological laboratory in which the different materials and lubricant systems can be tested fast and effectively."

Jörg Konrad, Director Sales for *EPIC Polymers*, adds:" With the rapid rise of prices for metal more and more plastic bearings are used. Consequently, the requirements at plastics are also increasing. Therefore we are currently developing a new generation of bearing materials incorporating an innovative lubricant system, based amongst others on PEEK. This is one of the new products we will be presenting at the Fakuma fair."

EPIC Polymers Ltd. is a leading manufacturer in the range of tribologically modified plastics. More information can be found on www.epicpolymers.com.

Posthumus Plastics (www.posthumusplastics.nl) is a manufacturer of plastic friction bearings and is specialized in highly loaded friction bearings.