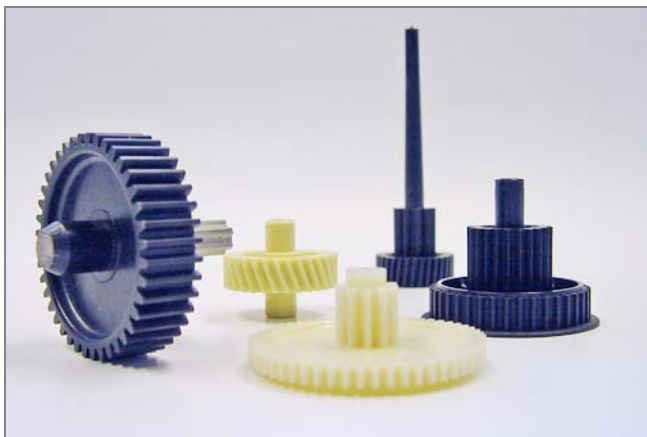


Press information TRIBOCOMP® PA66 LGF TS13



Gear wheels made of TRIBOCOMP® PA66 LGF TS13

New TRIBOCOMP®-generation for highly loaded gear wheels

EPIC Polymers, a leading supplier of tribological and high-strength plastics, presents a new innovative specialty material for highly loaded gear wheels.

As a result of its high flexural strength and outstanding thermal stability **TRIBOCOMP® PA66 LGF TS13** allows an extremely high torque transmission, also at temperatures within the range of 160°C to 200°C. The innovative TS13 lubricant system provides for an outstanding life span of gear wheels, also in unlubricated operation.

Fred Panhuizen, director technology and marketing of *EPIC Polymers* comments: „Traditional lubricant systems such as PTFE or graphite reduce the fatigue strength of plastics. The TS13 lubricant system does not have any negative effects on the fatigue strength. Because of the unique fibre structure in this material, the fatigue strength is very high anyway”.

TRIBOCOMP® PA66 LGF TS13 is targeted at the automotive industry for the replacement of metal gear wheels as well as gear wheels in cost-intensive materials such as PEEK or PPA.

Jörg Konrad, sales director of *EPIC Polymers*, says: „This new product range opens up a completely new market for plastic gear, because now even high loaded gear wheels can be designed of plastics. Due to the innovative production technology plastic gear wheels can be manufactured significantly more economically.

Technical data sheets are available on www.epicpolymers.com for downloading. For additional information please contact *EPIC Polymers Ltd.*

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