



PEEK

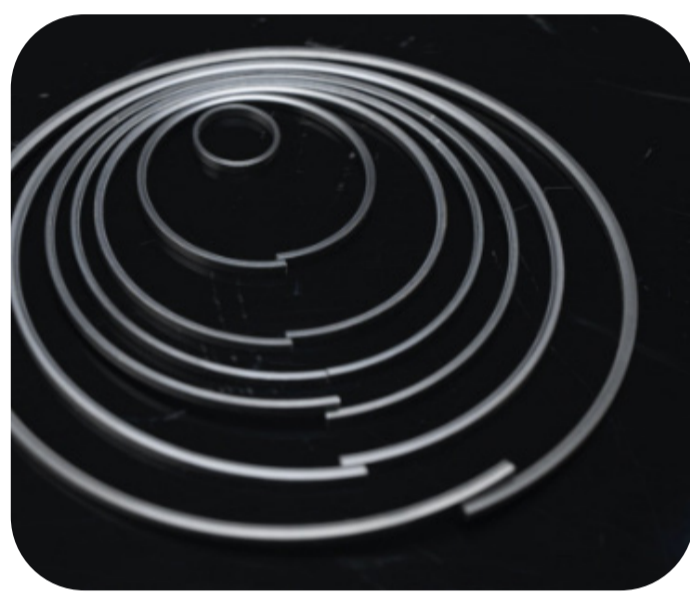
THE NEW MATERIAL OF OUR RANGE OF SEALS
FOR TRANSMISSION THAT WILL ELEVATE
YOUR WORKING STANDARDS!



PEEK is the new **thermoplastic polymer** we now use in the production of our **range of seals for transmission**. It is a **significant upgrade** compared to the already excellent quality raw materials we have always used.

It is the **best performing material available on the market** and we offer it to you so you can **experience first-hand all its incredible features**.

To be the go-to company in the world of industrial gaskets to us means continuous improvement in order to provide you with top-of-the-range products and raw materials.



WHAT ARE PEEK'S TECHNICAL FEATURES AND BENEFITS?

LET'S FIND OUT TOGETHER!

It is a thermoplastic polymer which encapsules a unique combination of mechanical properties, and an excellent resistance to high temperatures, chemical agents, and wear.

SPECIFIC BENEFITS



High continuous service temperature, up to 260°C



TG

High Glass Transition (Tg) temperature, 143°C



TM

High Melting Point (Tm), 341°C

ADDED BENEFITS IN RELATION TO OTHER MATERIALS:

- Lightweight
- Fatigue resistance
- Tensile strength (29,000 psi)
- Volume resistivity and surface resistivity
- Resistance to a wide number of liquids
- Improved insulation
- V0 flammability rating down to 1.45 mm and an LOI of 35%
- Smoke and toxic gas generation are extremely low
- Insoluble in all common solvents
- Does not undergo hydrolysis; can be used in steam or high-pressure water without significant property degradation
- Lower friction
- Good dimensional stability
- Exceptional insulation properties
- Excellent sterilisation resistance at high temperature
- Biocompatible
- Long life
- Inherent purity

**OUR PRODUCTS' CODE
WILL REMAIN UNCHANGED BUT THEY
WILL BE PRODUCED WITH PEEK
AT THE NEW LIST PRICE.**

Visit the dedicated webpage to find out which products have been upgraded:

<http://www.ellegi.com/en-ellegi/ringinpeek.html>

If, on the other hand, you wish to order the old products made with the material used up to now at the usual price contact your sales representative.