

LUVOCOM PEEK reinforced with CF

Application

- Stock shape

Process

- Extrusion

Key Features

- **Structural, Resistant,** Tribological, Conductive, Weight, Protection, Design, Specification, Regulatory, Sustainable, **Process,** Cost reduction

Material performance

- Optimized mechanical performance
- Improved processability
- Reduced internal stress





LUVOCOM EOG PEEK

Application

- Near net shape for sealings

Process

- Compression Molding

Key Features

- **Structural, Resistant,** Tribological, Conductive, Weight, Protection, Design, Specification, **Regulatory,** Sustainable, **Process,** Cost reduction

Material performance in comparison to metal solution

- Lower warpage
- Increased extrusion resistance
- Meets the requirements of the oil & gas industry

LUVOCOM PEEK colored

Application

- Medical instrument

Process

- Injection Molding

Key Features

- **Structural, Resistant,** Tribological, Conductive, **Weight,** Protection, Design, Specification, **Regulatory,** Sustainable, Process, Cost reduction

Material performance

- Tested according ISO 10993-1, -5, -12 (cytotoxicity)
- Withstand common sterilization processes
- Proven color range available



Exceptional
feel and
improved
handling.

LUVOCOM PA and PEEK reinforced and lubricated

Application

- Thrust Washers for Dual Mass Flywheels

Process

- Injection Molding

Key Features

- **Structural, Resistant, Tribological,** Conductive, Weight, Protection, Design, **Specification,** Regulatory, Sustainable, Process, Cost reduction

Material performance

- Low wear and specific friction
- Temperature resistance



LUVOCOM PEEK electrically conductive

Application

- Waver Carrier

Process

- Injection Molding

Key Features

- **Structural, Resistant,** Tribological, **Conductive,** Weight, Protection, Design, **Specification,** Regulatory, Sustainable, Process, Cost reduction

Material performance

- Narrow electrical conductivity range
- High temperature and chemical resistance





LUVOTECH eco PEEK GF reinforced

Application

- Technical Screws

Process

- Injection Molding

Key Features

- **Structural, Resistant,** Tribological, Conductive, Weight, Protection, Design, Specification, Regulatory, Sustainable, Process, **Cost reduction**

Material performance

- High strength
- High temperature resistance