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

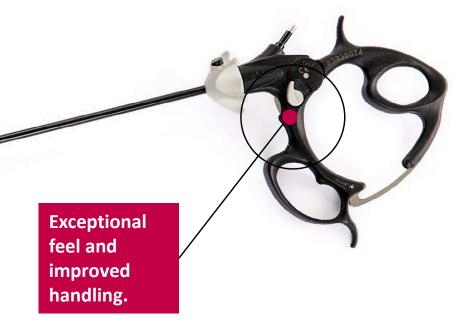
Injection Molding

Key Features

Structural, Resistant, Tribological, Conductive,
Weight, Protection, Design, Specification, Regulators
Sustainable, Process, Cost reduction

Material performance

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



L

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

