

# Engineering Polysulfone Polymers Solutions

## PES • PSU • PPSU

Innovative polymer solutions designed for demanding medical, filtration, and industrial applications requiring durability, reliability, and high thermal performance.



### PES

#### POLYETHERSULFONE

- High thermal stability
- Excellent hydrolysis resistance
- Ideal for membrane filtration
- Medical grade performance



### PSU

#### POLYSULFONE

- High strength and rigidity
- Good dimensional stability
- Chemical resistance
- Long service life



### PPSU

#### POLYPHENYLSULFONE

- Superior impact strength
- Repeated steam sterilization
- Excellent chemical resistance
- Medical device compatibility



#### HIGH TEMPERATURE RESISTANCE

Service temperature up to ~220°C



#### HYDROLYSIS RESISTANCE

Withstands steam sterilization



#### CHEMICAL STABILITY

Resistant to acids, fuels, oils & solvents



#### MECHANICAL STRENGTH

Rigid, durable and long-lasting polymers

### LAPAROSCOPY DEVICES

Precision. Sterile. Reliable.

- ✓ Surgical handles
- ✓ Sterilizable medical parts
- ✓ Transparent medical components



### MEMBRANE FILTRATION

Purity. Performance. Protection.

- ✓ Water purification
- ✓ Beverage processing
- ✓ Biomedical filtration systems

