



# LCP

## SUPER FIBER SOLUTIONS (40~1600D)

for Electronics, Mobility, Semiconductor and Industrial Applications

We provide advanced fiber and fabric solutions, covering fiber design, fabric manufacturing, and customer-specific development tailored to electrical, mechanical, and environmental requirements.

### 01 Power & Industrial Cable Graphene Applied

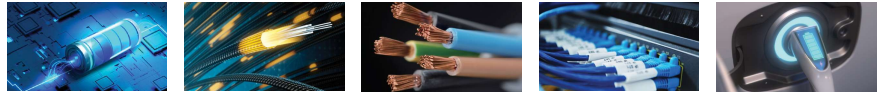


#### KEY PROPERTIES

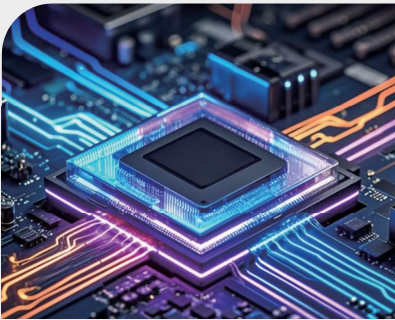
- Low Dielectric Constant (Low D<sub>k</sub>)
- Up to 14% DC Resistance Reduction
- Up to 19% Weight Reduction
- 0.03% Moisture Absorption
- Excellent Vibration & Bending Resistance

#### APPLICATIONS

- Power / Underground / Subsea / High-Voltage / Harsh-Environment Cables



### 02 Semiconductor · 6G · Smart Tools



#### KEY PROPERTIES

- Low D<sub>k</sub> & Low Loss
- Operating Range -40°C~170°C
- High Dimensional Stability
- High-Frequency / High-Speed Ready

#### APPLICATIONS

- PCB & FRP / Diaphragm / Process Components / 5G·6G Infrastructure / Precision Electronics



### 03 Automotive



#### KEY PROPERTIES

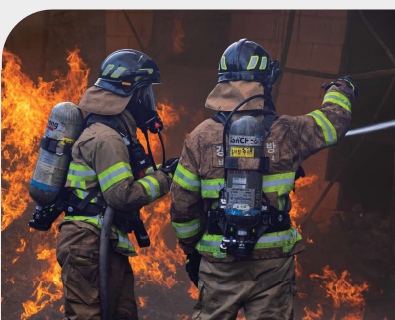
- Lightweight & High Strength
- Impact & Energy Absorption
- Heat & Chemical Resistance
- Stable under Dynamic Conditions

#### APPLICATIONS

- Wire Harness Protection / Body Panels / Bumpers / Impact-Resistant Structural Parts



### 04 Safety & Protection



#### KEY PROPERTIES

- Impact Resistant
- Fire & Heat Resistant
- Lightweight & Durable
- Extreme Environment Stability

#### APPLICATIONS

- Helmets / Belts / Safety Cables / Military · Industrial Protection

