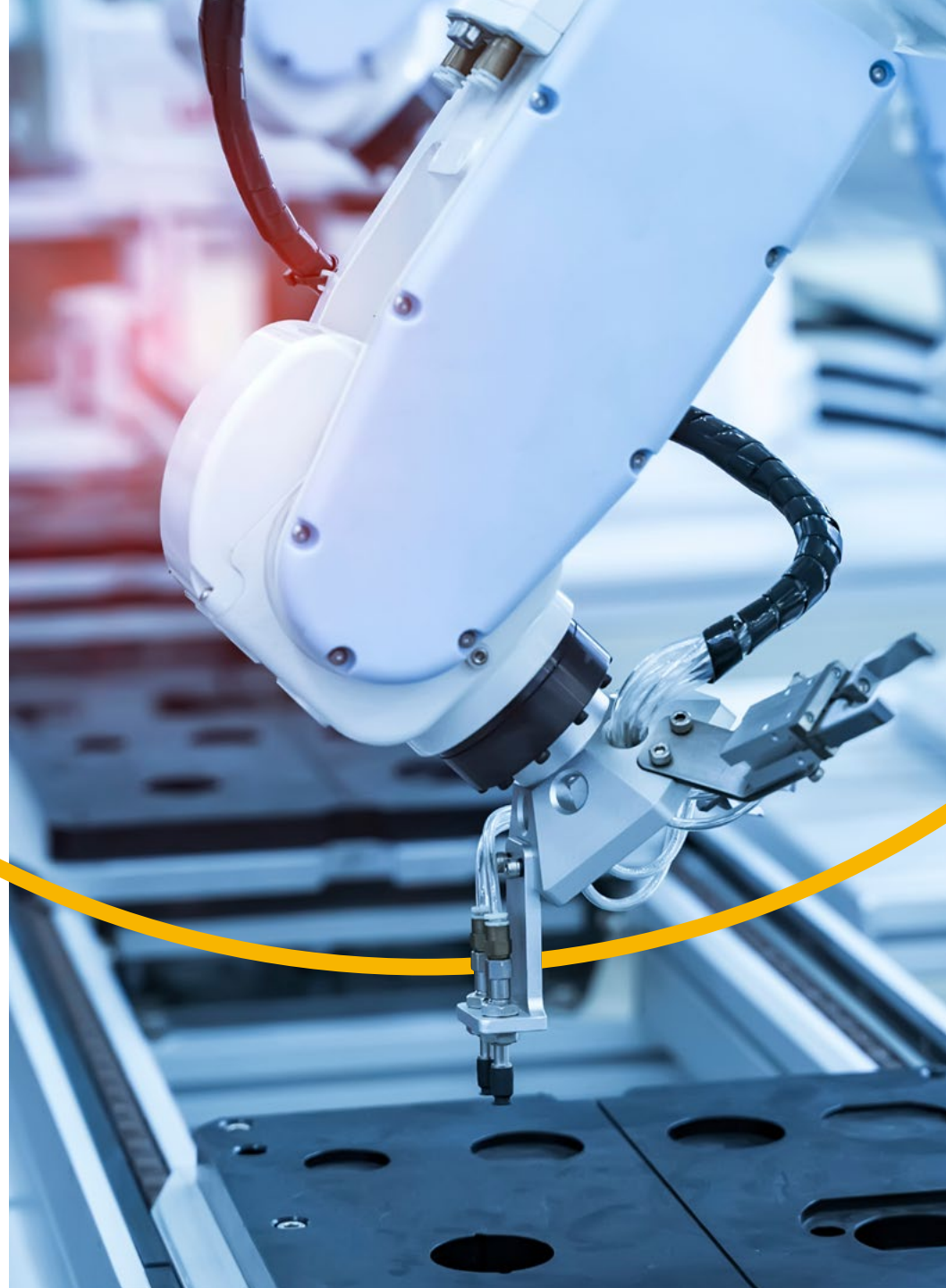




# Semitron<sup>®</sup> CNT POM-C





## Static dissipative high performance extruded acetal copolymer

### Competitive advantage

Semitron® CNT POM is an extruded static dissipative POM-C based polymer system developed specifically for electronic fixture applications that require a precise surface resistivity range yet offering increased dimensional stability vs conventional POM ESD products.

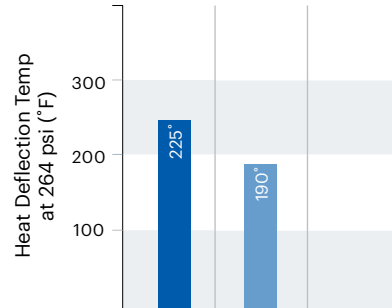
### Key benefits

- Flexural modulus of 350,000 psi with an HDT of 225 at 264 psi
  - Extremely low moisture absorption of 0.25% at 24 hours and 0.75% at saturation
- 

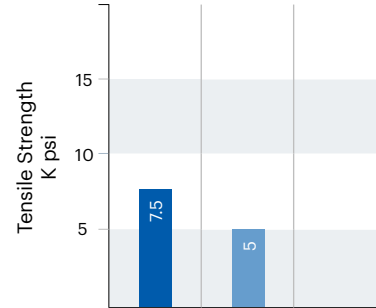
### Common applications

- Integrated chip test jigs
- Basic electronics assembly fixturing
- Basic test sockets & PCB test jigs

**Thermal**



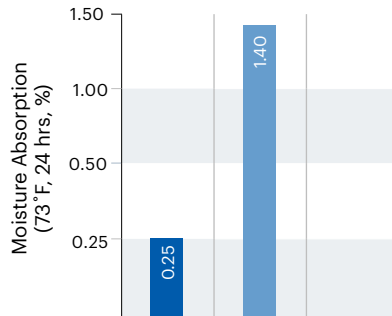
**Strength**



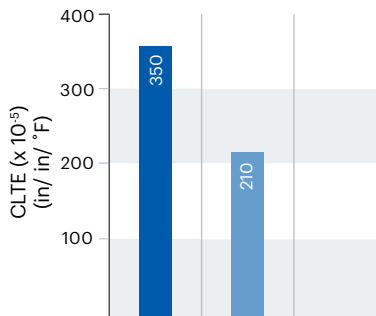
■ Semitron<sup>®</sup> CNT POM-C

■ Tecaform AH SD

**Moisture**



**Flexural**



Semitron<sup>®</sup> CNT Polyoxymethylene POM-C is an extruded carbon nano tube-filled grade, developed specifically for electronic fixture applications that require a precise surface resistivity range, yet offer increased dimensional stability versus conventional POM ESD products. In addition to these properties, Semitron<sup>®</sup> CNT POM-C also offers superior stiffness and strength, while also maintaining an extremely low moisture absorption rate of 0.25% at 24 hour, and 0.75% at saturation. Furthermore, this grade in particular can be found throughout the semiconductor and electronics industry as integrated chip test jigs, test sockets, PCB test jigs, and in basic electronics assembly fixturing applications.

[Download datasheet](#)

# Get in touch

## Contact.

[contact.mcam@mccg.com](mailto:contact.mcam@mccg.com)

## Visit.

[www.mcam.com/en/contact](http://www.mcam.com/en/contact)

---

### Europe

Mitsubishi Chemical  
Advanced Materials NV  
Galgenveldstraat 12  
8700 Tielt,  
Belgium

**Tel: +32 51 42 35 11**

[www.mcam.com](http://www.mcam.com)

### North America

Mitsubishi Chemical  
Advanced Materials Inc.  
2120 Fairmont Avenue  
PO Box 14235 — Reading,  
PA 19612-4235

**Tel: +1 610 320 6600**

### Asia-Pacific

Mitsubishi Chemical  
Advanced Materials Asia Pacific Ltd.  
Unit 7B, 35/F, Cable TV Tower,  
9 Hoi Shing Road,  
Tsuen Wan, Hong Kong

**Tel: +852 2470 26 83**

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