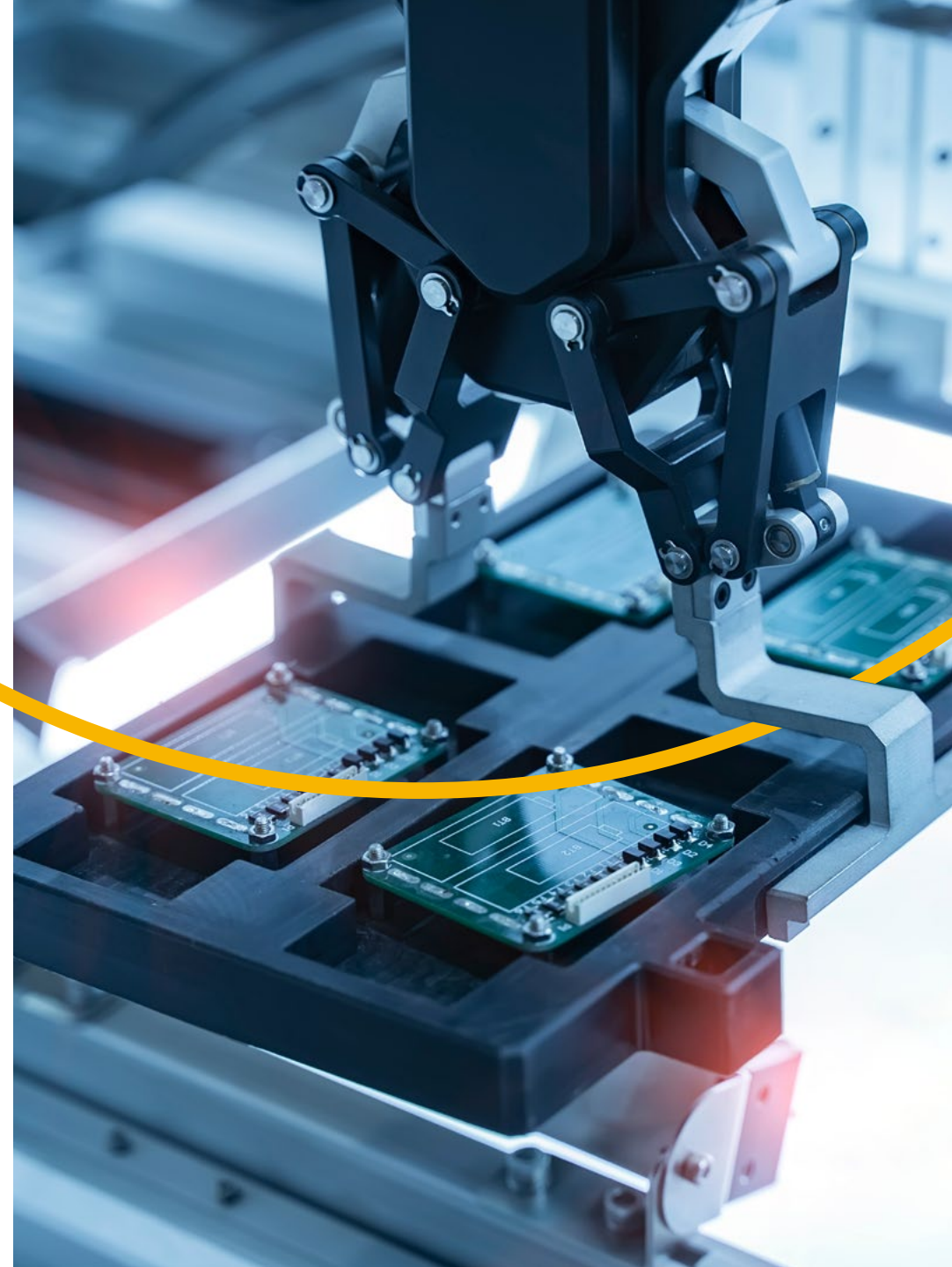
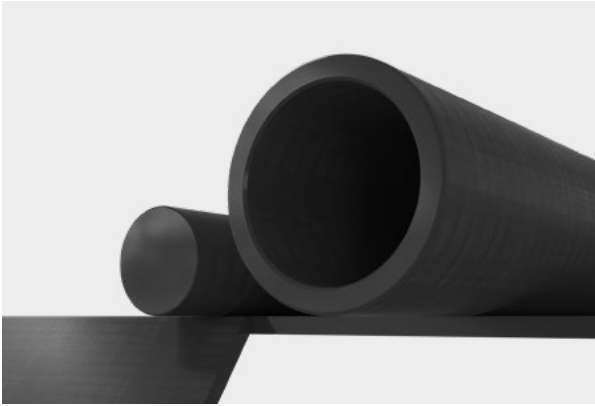




Semitron[®] ESd HPV PEEK





Static dissipative PEEK based value added polymer system

Competitive advantage

Semitron® ESd HPV is an extruded static dissipative PEEK based polymer system developed specifically for electronic fixture applications that require a high degree of dimensional stability over an extended thermal range as well as precise machinability.

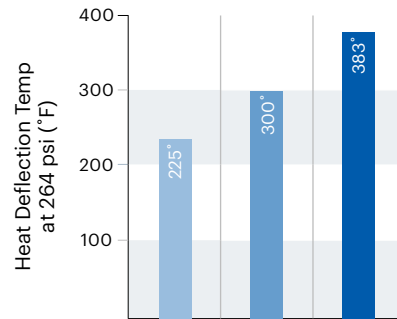
Key benefits

- Delivers a flexural modulus of 760,000 psi along with a melting point of 644°F
 - Extremely low moisture absorption of 0.05% at 24 hours and 0.35% at saturation
-

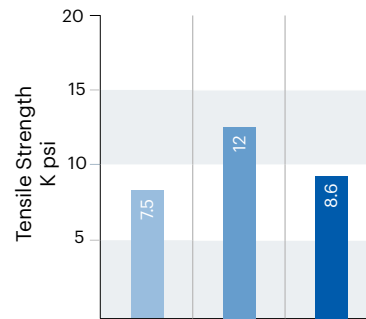
Common applications

- Integrated chip trays & carriers
- PCB board manufacturing & handling
- Fixturing for electronic assemblies

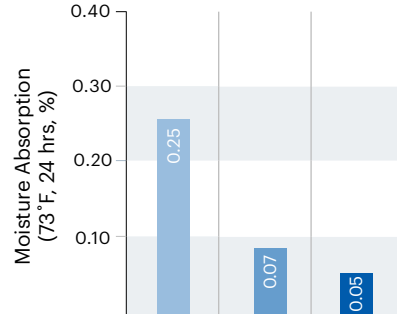
Thermal



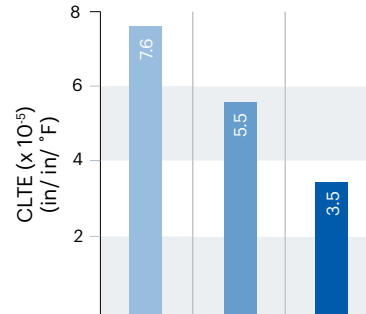
Strength



Moisture



Stability



- Semitron® POM CNT
- Semitron® ESd 300 PET
- Semitron® ESd HPV PEEK

Semitron® ESd HPV PEEK electrostatic dissipative shapes contain specific additives that make this material an excellent performer in wear and friction applications where antistatic properties are essential. Due to this, this grade excels in electronic fixture applications that require a high degree of dimensional stability over an extended thermal range, as well as precise machinability. Semitron® ESd HPV PEEK is ideal for chip trays and carriers, PCB board manufacturing, and fixturing for electronic assemblies.

[Download datasheet](#)

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