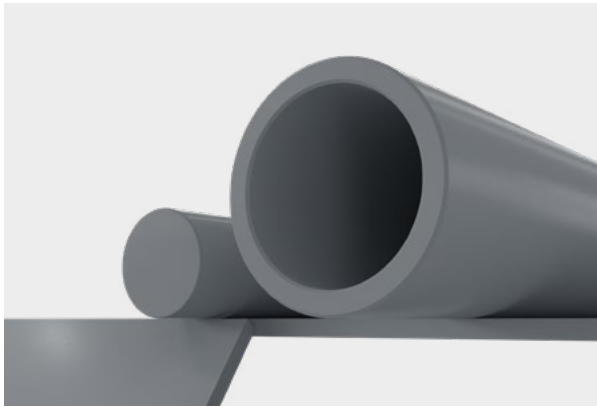




# Semitron<sup>®</sup> MP 370





## Excellent machinability, stability and performance value

### Base resin

Semitron® MP370 uses modified PEEK as a base resin offering higher heat for improved ability to machine clean fine features and improved toughness to resist breakage in use when compared to ceramic filled PEEK materials.

### Processing

Semitron® MP370 uses extrusion to manufacture ultra low stress consistent plate as compared to typical injection molded ceramic filled materials. Extruded material provides far better dimensional stability during machining allowing for finer features while maintaining tighter tolerances.

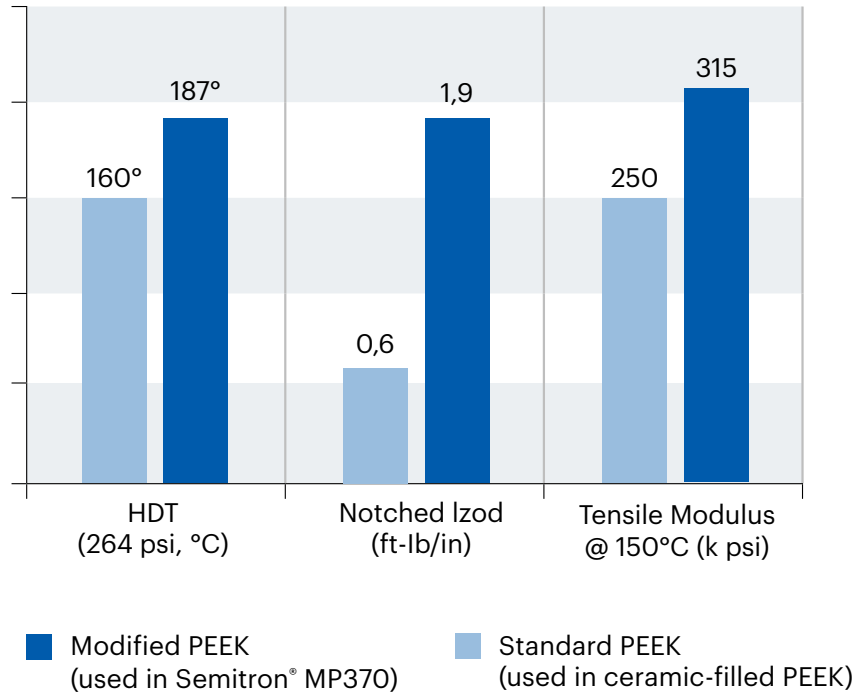
### Key benefits

- Very low moisture absorption
  - Excellent machinability
  - Good economical alternative material to unfilled polyimides, but also offering higher stiffness and better dimensional stability
- 

### Common applications

- IC test sockets for semiconductor manufacturing equipment
- Structural parts in electronics and telecom equipment
- Insulating blocks and fixtures in diagnostic equipment

### Base resin comparison



Semitron® MP 370 shapes exhibit excellent moisture and thermal resistance, while also maintaining outstanding strength and dimensional stability. As a result, this grade is often selected for test socket applications where precision machining is critical, and complex geometries are prevalent.

[Download datasheet](#)

# Get in touch

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