

Plastics

PAI Bar

Datasheet Updated
05 August 2021

SPECIFICATIONS

Commercial

PAI

The highest performing thermoplastic material that is melt processable.

SUPPLIED FORMS

- Bar
- Rod

APPLICATIONS

- Semiconductor industry: test sockets, electrical connectors and insulators
- Aerospace: fasteners, insulators and other components
- Oil and gas: natural gas compressor components, pump components and labyrinth seals
- General industrial: bearing and wear components and components that require high strength and stiffness

CHARACTERISTICS

- Outstanding tribological and wear performance
- Excellent strength and stiffness at elevated temperature
- High tensile strength
- High compression strength
- Exceptional heat deflection temperature
- Excellent coefficient of thermal expansion
- Very good impact strength
- Superb thermal stability
- Good machinability
- Strong chemical resistance

DISCLAIMER

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