

Plastics

PPS Bar

Datasheet Updated
05 August 2021

RANGE

Product Form	Size Range
Round Bar (Natural)	10.0mm - 30.0mm

SPECIFICATIONS

Commercial	PPS
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A semi crystalline, high temperature thermoplastic polymer.

SUPPLIED FORMS

- Bar
- Rod

APPLICATIONS

- Semiconductor industry: test sockets, electrical connectors and insulators
- Electronic industry: Connectors, contact rails, heat shields, contact pressure discs and special types for semicon production
- Automotive industry: "under the hood", fuel and brake systems
- Medical industry: Parts for surgical instruments
- Mechanical engineering: Compressor and pump-parts, gears, valves, slide bearings, chain guides and base plates
- Chemical industry: Valves, taps, bushings, pumps, nozzels, tubes and rollers

CHARACTERISTICS

- High purity characteristics
- High crystallinity
- Good electrical insulation
- High mechanical strength
- Excellent high temperature resistance
- Very high chemical resistance
- Creep resistance
- Dimensional stability over wide variations of temperature and moisture levels

DISCLAIMER

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