

## Plastics

## PET Bar

Datasheet Updated  
05 August 2021

### RANGE

Product Form	Size Range
Round Bar	10.0mm - 200.0mm

### SPECIFICATIONS

Commercial	PET
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A polyester material with a relatively high density.

### SUPPLIED FORMS

- Bar
- Rod

### APPLICATIONS

- Electronic industry: Cases, covers, switches, insulation panes and coil bodies
- Automotive industry: Cases, screen wiper arms and door handles
- Medical industry: Functional parts in drug dosing systems
- Mechanical engineering: Gears and sliding elements
- Food industry: Guidance, slide bar, stop units, rollers and grabbers

### CHARACTERISTICS

- High strength
- High rigidity and hardness
- Very low moisture absorption
- Good creep resistance
- Low sliding friction and sliding wear
- Resistant to hydrolysis (up to +70 °C)
- Not suitable for contact with media containing >50% alcohol
- Good chemical resistance against acids
- Good adhesion and welding ability
- Suitable for food contact
- Good machinability
- Electrically insulating

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