

## Plastics

## Acetal Bar (POM)

Datasheet Updated  
05 August 2021

### RANGE

Product Form	Imperial Sizes	Metric Sizes
Round Bar	1/2" - 2"	4.0mm - 250.0mm

### SPECIFICATIONS

Commercial

Acetal

A general purpose, semi-crystalline, engineered thermoplastic with high mechanical strength.

### SUPPLIED FORMS

- Bar
- Rod

### APPLICATIONS

- Sliding applications
- Excellent design solutions with snap fastenings
- Sliding parts such as bearing bushes, rollers and slide rails
- Electrical insulating parts
- Components with contact to water
- Scratch proof high-gloss exposed parts
- Wide range of components in the food, pharmaceutical and drinking water industries and in medical technology

### CHARACTERISTICS

- High strength, rigidity and toughness
- Good impact strength, even at low temperatures
- Low moisture absorption (at saturation 0.8%)
- Outstanding wear resistance and sliding properties
- Excellent machinability
- Good creep resistance
- High dimensional stability
- Good resistance to hydrolysis (up to ~60 °C)
- Excellent resilience/recovery elasticity

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