

POM

Product Name : Poly Oxy Methylene
Product Code : POM
Availability : Yes

Product description:

POM-C is a semi-crystalline copolymer. It provides high strength and toughness together with low moisture absorption and good machinability. Especially, its low moisture absorption leads to the superb performance in a wet environment, while its mechanical properties and dimensional stability remains unchanged. It also offers excellent resistance to a wide range of organic solvents and chemicals.

Main characteristics

- Excellent Mechanical properties
- Low moisture absorption
- Dimensional stability
- Excellent chemical resistance to most chemicals

Main applications

Parts requiring the high dimensional stability (gear, guide roller, bearing, etc)

POM Grades

POM-ESD-R10

Its anti-static property lasts steadily in high temperature and humidity. It performs well in a cleanroom environment. Its conductivity 1010Ω.

POM-CNT-R6

POM CNT is manufactured out of the Carbon-Nano-Tube compound POM resin, which significantly improves the anti-static performance. Its conductivity is 106Ω. It offers stable dissipative performance regardless of any changes in outer environment.

