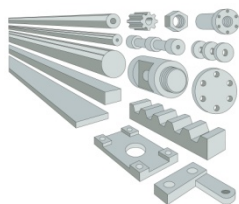


Omniamid MOLY[PA6 G + MoS₂]

OMNIA PLASTICA SPA, as a leader manufacture of Engineering plastics, is increasing its product range giving always a better service to its customer.

In this view OMNIA PLASTICA SPA has introduced a new PA6 CAST product:

PA6 G + MoS₂ .

Molybdenum disulfide because of its layer structure is an effective lubricant.

Molybdenum disulfide has many advantages compared to graphite: it will perform as a lubricant in some environmental where graphite fails; it has a low coefficient of friction which, unlike graphite, is inherent and not a result of absorbed films or gases.



This new PA6 contains finely divided particles of molybdenum disulphide, thus helps to increase its bearing and wear properties. It is widely used for gears, bearings and sheaves.

Other main characteristics are:

- High mechanical strength, stiffness, hardness and toughness
- Good fatigue resistance
- Good sliding properties
- Excellent wear resistance
- Good electrical insulating properties
- Good machinability

OMNIA PLASTICA SPA delivery program:

- Rods from 100mm up to 500mm
- Sheets from 10mm up to 120mm
- Tubes from O.D. 200mm up to 800mm

For more information do not hesitate to contact OMNIA PLASTICA at the following contacts:

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