

MURDOPOL®

The main advantage of this material is its fantastic ability to create firm plastic/metal connections. This is made possible by the casting procedure used in its production, which involves casting around a steel core. The plastic and metal cutting deformation provides an absolutely accurate rotation for cog wheels and rollers. Murdopol® has extremely high shock and impact resistance characteristics and good emergency running characteristics thanks to its high wear resistance.

SPECIAL PROPERTIES

- Good shock and impact resistance
 - Low residual stress
 - Metal core surrounded by cast plastic available
 - Good damping and vibration behaviour
 - Lowest moisture absorption of all polyamides
 - Good resistance to chemicals
 - Dimensionally stable
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POSSIBILITIES OF USE

- Cog wheels with steel core
 - Pulleys
 - Humid usage sites
 - Parts subject to high impacts
 - Cam disks and sprockets
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