

Engineering Plastic Supplies Ltd

Application Example: Slider Pads

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Application:

Telescoping masts for mobile cranes, operating platforms and similar uses.

Material used:

Oilamid® (PA 6 G + Oil)

Lubramid® 600 T (PA 6 G + Lubricant)

Advantages for this application:

Many special properties are demanded from the plastic used in the slider pad application. This is where Oilamid® and Lubramid® has successfully proven itself over many years with its:

- Low noise
- High wear resistance
- High load capacity
- Corrosion resistant
- Long service life

In comparison to other plastics, the high strength of Oilamid® and Lubramid® allows higher loads. At the same time, the good elasticity allows for a quick return to the original shape after shock loading. In this way, permanent deformation is prevented and a long service life is assured. The oil embedded in the polymer matrix brings up to a 50% reduced friction coefficient and significantly reduces sliding wear.