

# GEPP Engineering Plastic

Lubricated Nylon was a breakthrough of cast nylons developed in the early 70s. Blending liquid lubricant into the nylon resulted in a substantial increase in bearing life; 5 times that of Natural cast nylon and 25 times that of phosphor bronze. The material will not drain, machine, spin, leech or dry out and never needs replenishment.

## BENEFITS

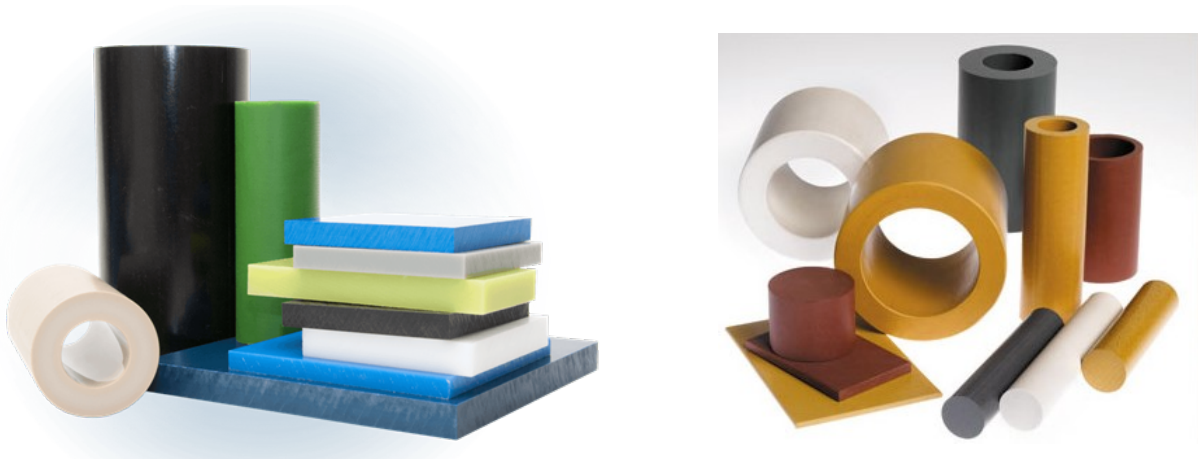
- Improved wear and abrasion resistance
- Improved PV characteristics
- Improved coefficient of friction and stick/slip characteristics
- Consistent wear performance throughout product life
- Excellent mechanical, thermal and chemical resistance properties
- Good dimensional stability and reduced water absorption
- FDA compliant for direct food contact applications

## TYPICAL APPLICATIONS

- Wear pads • Support rails • Sheaves • Rollers • Guide plates • Bearings • Spacers • Pulleys
- Brake blocks • Conveyor rail • Pipe Clamps • Gears • Bushes • Wear Strips • Bespoke Components

## INDUSTRY USERS

- Petrochemical • Steel mills • Construction • Quarrying/mining • Transport • Cranes
- Food and drink packaging • Conveyors • Bottling and canning • Offshore • Pharmaceuticals



GEPP OFN is available as standard plate, rod and tubes with OD/ID configurations in different lengths.

*Typical sizes available*

*ROD : 10-500mm Diameter x 600-1000mm Length*

*TUBE : 50-1500mm Diameter x 600-1200mm Length*

*PLATE : 6-120mm Thick x 500-1200mm Width x 1000-2400mm Length*

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