



METAL

VS

POLYMER

NYLACAST
OILON

 **NYLACAST**
ENGINEERING PLASTIC SOLUTIONS



NYLACAST OILON

Nylacast Oilon was the first authentic lubricated Nylon. With its lightweight and internal blended liquid lubricant, Oilon is a perfect bearing material which offers 5 x the bearing life of Natural Cast Nylon and a significant 25 x the life of phosphor bronze! Nylacast Oilon greatly reduces the need for routine and costly maintenance and external lubrication.

KEY BENEFITS

- ✔ Self lubrication
- ✔ Increased component lifespan
- ✔ Excellent wear & abrasion resistance
- ✔ High impact strength
- ✔ Corrosion resistance

TYPICAL APPLICATIONS

- **BEARINGS** • WEAR PADS • **WASHERS**
- ROLLERS • **STARWHEELS** • GEARS
- **WEAR STRIPS** • GUIDE PLATES

CHOOSE POLYMERS OVER TRADITIONAL METALS

METALS

- Dimensional stability ✓
- Conducts heat ✓
- Convects heat ✓
- Conducts electricity ✓
- Strength ✓
- Rust/Corrosion ✗
- Wear ✗
- Noise ✗
- Maintenance ✗
- Heavy weight ✗

METAL

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POLYMER

NYLACAST POLYMERS

- ✓ Cost effective
- ✓ Low friction
- ✓ Noise reduction
- ✓ Chemical resistance
- ✓ Strength
- ✓ Custom grades
- ✓ Impact resistance
- ✓ Insulation
- ✓ Lightweight
- ✗ High temperatures (+180°C)
- ✗ Heat
- ✗ Extremely high loads



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