

Datasheet

RS Pro Opaque Polyester (PET) Rod, 1000mm x 30mm Diameter

RS Stock No: **484-6153**



Product Details

RS Pro polyester (PET) rod in opaque colour, measures 1000 mm long with a diameter of 30 mm. The rod features a very good electrical insulation. This rod has an excellent sliding properties with wear and abrasion resistant. The rod is highly resistant to acid, solvent and chemicals. It is suitable for bearing, bush, gear and insulator applications.

Features and Benefits

- Easily welded/bonded
- Very good electrical insulation
- Easily machined/polished
- Not resistant long term to hot water (60°C)
- High storage stiff thermoplastic
- Excellent sliding properties/wear and abrasion resistant
- Acid, solvent and chemical resistant
- Suitable for all bearing, bush, gear, insulator applications
- Opaque

**Specifications:**

| | |
|-------------------------------|------------------------|
| Colour | Opaque |
| Flammability Rating | UL 94 HB |
| Form | Rod |
| Hardness | 95 Ball Indentation |
| Material | PET |
| Density | 1.37 g/cm ³ |
| Length | 1000 mm |
| Maximum Operating Temperature | +170°C |
| Melting Point | +255°C |
| Rod Diameter | 30 mm |
| Thermal Conductivity | 0.24 W/mK |
| Water Absorption | 0.5% |
| Tensile Strength | 88 MPa |