

Nylon 6 extruded Solid rods

Nylon 6 rod - extruded is a common engineering plastic due to its ease of machinability. It combines high strength, stiffness and hardness with good creep and wear resistance. It also has good heat ageing properties, is electrically insulating and is resistant to many oils, chemicals, fuels and cleaning fluids. Wires, rope, and cables are just a few of the goods that can be made with nylon rods. They are also employed in commercial and industrial settings where strength and long-lastingness are essential. Nylon Rods are the ideal material for many industrial applications because of their hardness and durability. Nylon rods are made up of nylon, which is a stiff and strong engineering plastic containing outstanding property in wear and bearing.

Size: 12 mm to 20 mm

Color: natural/ black / custom

Length: 300 mm / 1000 mm / 1220 mm / up to 4000 mm (as per requirement).

Nylon square rods:

Size: 12 mm to 20 mm

Color: natural/ black / custom color

Length: 300 mm / 1000 mm / 1220 mm / up to 4000 mm as per requirement

PERFORMANCE CHARACTERISTICS

- ✓ Excellent bearing and wear properties.
- ✓ Strong and stiff.
- ✓ Good chemical resistance.

- ✓ Easy to machine.
- ✓ Easy to fabricate.
- ✓ Reduced noise, weight, and wear of. Mating parts.
- ✓ Tenacity: 4-9 gm/den dry, in wet 90% of dry.
- ✓ Elasticity: The breaking extension is 20 to 40%.
- ✓ Stiffness: 20-40 gm/density.
- ✓ Moisture regain: 3.5-5%. ...
- ✓ Specific gravity: 1.14.
- ✓ Abrasion resistance: Excellent.
- ✓ Dimensional stability: Good.

