



## Molybdenum Disulfide Filled Nylon 6 MoS2 30mm Engineering Material

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: MAKEWELL
- Certification: ISO9001 Rohs, Reach
- Model Number: Nylon PA6 MoS2 rod
- Minimum Order Quantity: 10kg
- Price: Negotiation
- Packaging Details: Pallet
- Delivery Time: 7-15 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 100000000 kg /month



### Product Specification

- Plastic Modling Type: Extruding,Mould
- Flexural Modulus: High
- Color: Black
- Abrasion Resistance: High
- Size: 25-100mm Diameter
- Type: Sheet, Rod, Tube
- Material: Nylon 6
- Impact Strength: High
- Highlight: **Makewell Molybdenum Disulfide Nylon 6 MoS2,**  
**Makewell 30mm Nylon 6 MoS2,**  
**Makewell Engineering 30mm nylon rod**

## Product Description

### Product Description:

Nylon 6 MoS2:High Surface Hardness and High Flexural Modulus

Nylon 6 MoS2 is a special type of nylon round rod filled with molybdenum disulfide (MoS2). It is a high-performance engineering material that offers superior mechanical properties, including high surface hardness and high flexural modulus. It is available in a variety of sizes from 25mm to 100mm in diameter.

Nylon 6 MoS2 provides excellent wear and abrasion resistance and is perfect for applications that require high strength-to-weight ratio. It is ideal for applications where a high load-bearing capacity is required. It is also suitable for extruding and moulding processes.

The unique combination of high surface hardness and high flexural modulus makes Nylon 6 MoS2 an ideal solution for OEM/ODM applications. It is a robust material that can withstand extreme temperatures and environmental conditions and is highly resistant to corrosion. Nylon 6 MoS2 is an excellent choice for a variety of industrial and commercial applications.

### Features:

**Product Name:** Nylon 6 MoS2

**Impact Strength:** High

**Flexural Modulus:** High

**Abrasion Resistance:** High

**Color:** Black

**Surface Hardness:** High

**6mm Nylon Rod:** Available

### Technical Parameters:

Product Property	Description
Material	Molybdenum Disulfide (MoS2) Filled Nylon (Nylon 66)
Service	OEM/ODM
Size	25-100mm Diameter
Plastic Modeling Type	Extruding, Mould
Additive	MoS2
Color	Black
Chemical Resistance	High
Abrasion Resistance	High
Surface Hardness	High
Flexural Modulus	High
Impact Strength	High

### Applications:

MAKEWELL's Nylon PA6 MoS2 rod is a high-performance, long-lasting plastic rod made from the highest quality nylon 66 material for superior chemical and abrasion resistance. Its high impact strength makes it an ideal choice for heavy-duty applications in the automotive, industrial, and marine industries. The MoS2 coating provides enhanced lubricity for improved wear and corrosion resistance. With an ISO9001 Rohs, Reach certification, this rod is guaranteed to meet rigorous quality standards. It is available in black and can be custom-ordered in a variety of sizes and configurations. The minimum order quantity is 10 kg and the price is negotiable. The delivery time is 7-15 days depending on the quantity and the packaging details are pallet. Payment terms include L/C, D/A, D/P, T/T, Western Union, and MoneyGram. The monthly supply capacity is 100,000,000 kg.

The nylon PA6 MoS2 rod is highly resistant to chemicals, solvents, and other corrosive agents, making it an excellent choice for applications that require long-term durability and reliability. It is also highly resistant to abrasion, making it the ideal choice for parts that may experience high wear and tear. It is commonly used as an extrusion or molding material for industrial components, automotive parts, and marine equipment. The rod is perfect for any application that requires a high level of strength and corrosion resistance, and its superior lubricity makes it an ideal choice for high-performance applications.

### Customization:

Nylon 6 MoS2

Brand Name: MAKEWELL

Model Number: Nylon PA6 MoS2 rod

Place of Origin: China

Certification: ISO9001 Rohs, Reach  
Minimum Order Quantity: 10kg  
Price: Negotiation  
Packaging Details: Pallet  
Delivery Time: 7-15 days  
Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram  
Supply Ability: 100000000 kg /month  
Chemical Resistance: High  
Service: OEM/ODM  
Size: 25-100mm Diameter  
Abrasion Resistance: High  
Additive: MoS2  
**8mm nylon rod, nylon plastic rod, nylon 66 rod, nylon rods**

### Support and Services:

Nylon 6 MoS2 Technical Support and Service

We provide technical support and service for Nylon 6 MoS2 products, including:

Assistance with selecting the right product for your application

Help with installation and troubleshooting

Product and application advice

Flexible customization and rapid prototyping of components

On-site maintenance and repair

Product replacement and warranty coverage



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