

# PROGUARD M PU

## High-Performance Polyurea Grease

### Product Description:

**PROGUARD M PU** is a lubricating grease with noise-reducing properties, produced with highly refined base oil, polyurea thickener, and additive packages using special technology. Designed for long life and high-performance lubrication of bearings operating under extreme thermal stress.

### Properties:

- Good resistance to water and ambient media
- Good corrosion protection
- Good pressure absorption capacity
- Good wear protection

### Applications:

recommended for many major bearing and electric motor for long-life lubrication of electric motor ball and roller bearings in Ceramic, paper ,steel ,plastic ,cement and other industries

- It is suitable for all bearing equipment operating under extreme thermal stress.
- It is used in the oily points of power tools as well as small household appliances and office equipment.
- It is ideal for special bearing applications requiring high performance and long life.
- It is used for lubrication of fan, electric motors, air conditioners and generator system bearings.
- Service Temperature is -25°C to 180°C

### Health, Safety and Environment:

- Normal safety precautions (gloves and safety goggles) Should be employed
- Avoid eye and prolonged skin contact.
- Wash thoroughly after handling material.
- Don't discharge used oil in drains, dispose to an authorized used oil collection point

### Storage Conditions:

- Should be stored sealed under normal conditions.
- Shelf life in original package and at room temperature is 3 years

### Packing Available in:

- 15 Kg
- 180 Kg

### Physical and chemical conditions:

PROGUARD M PU	Method	Value
Appearance	Visual	Smooth and Homogeneous
color	Visual	Yellow
Base Oil	-	Mineral
Thickener	-	Polyurea
Base Oil Viscosity@ 40°C	ASTM D 445	220
Worked Penetration (1/10 mm)	ASTM D 217	265 – 295
NLGI No	-	2
Dropping Point, °C	ASTM D 2265	>270
Four Ball AW, mm	ASTM D 2266	Max. 0.6
Emcor	ASTM D 6138	0/1
Copper Corrosion	ASTM D 4048	Max. 1b