



Mitsui Chemicals

# LUBMER™ / UHMW-PE

## High-Performance Polyolefin Resin

Superior Sliding Properties & Exceptional Durability



**Low Friction**

Fluoropolymer-Like



**Abrasion Resistant**

Superior Wear Durability



**Noiseless Performance**

Soundproofing Solution



**Chemical Stability**

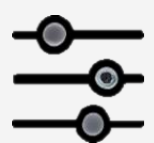
Stable against various chemicals



**Food Safe**

Hygienic Grades

## Why Choose LUBMER™?



**Slide with Ease:** Achieve a coefficient of friction matching fluoropolymers for ultra-smooth operation.

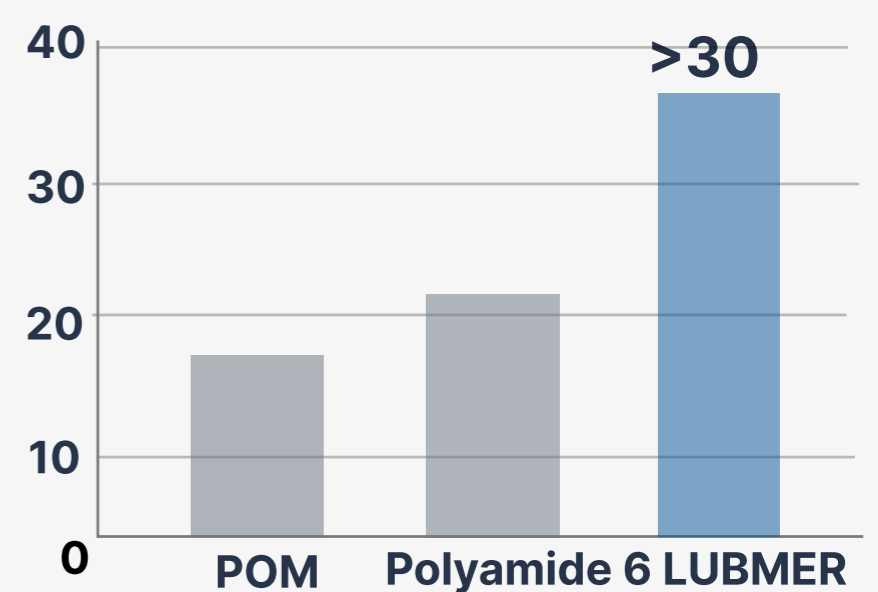


**Built to Last:** Outperforms POM and Polyamide in wear resistance, extending the life of your mechanical parts.



**Silent Performance:** Reduce noise in office and automotive environments with superior soundproofing capabilities.

### Sliding Properties Comparison



### Application Matrix

Industry	Key Applications	Required Properties
Automotive	Seat Belts, Glass-Run Channels	Abrasion Resistance, Sliding
Electronics	Office Equipment Rollers, Gears	Noiseless, Non-Adhesion
General	Furniture Rails, Aqueduct Valves	Chemical Resistance, Smoothness

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