



## Molybdenum disulfide

# MoS<sub>2</sub>-Powder **diamant**<sup>®</sup>

For oil- and grease-free dry lubrication

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### Application

Molybdenum disulfide powder is used in cold pressing, cold extrusion, and in the manufacture of lubricants for oxygen fittings for the pretreatment of workpieces. As a solid lubricant, MoS<sub>2</sub> is incorporated into high-load greases, oils, pastes, and solid lubricant coatings and is used in plastics for self-lubricating plain bearings.

### Properties

Maximum operating temperature: 350 °C

### Technical data

	Unit	Reference value
MoS <sub>2</sub>	%	98,60
Fe	%	0,10
Acid-insoluble	%	0,30
Loss on drying	%	0,10
Grain distribution D <sub>50</sub>	µm	1,40
Grain size, according to Fisher	µm	0,70

### Storage

Do not expose the product to direct sunlight for long periods of time.

The information contained herein were established with care and represent average values. However, the product is sold without obligation or warranty expressed or implied. The fields of application depend on the recipes of the consumers and the relevant quality confirmation.