

AS 1000

**High Purity Super Refined
Molybdenum Disulphide Powder**

Benefits :

- Excellent lubrication property.
- Low co-efficient of friction.
- Anti-galling and Anti-fretting.
- Non-magnetic.
- Excellent anti-seizing property.
- Good resistance to acids, oxidation, solvents, chemicals, washout.
- Can be used as a dry lubricant under vacuum and radiation.
- Very high yield point and high load carrying capacity.
- Wide range operating temperature band of (-)185°C to (+)450°C.

Applications :

- As a dry lubricant for smooth surfaces.
- Press fits, punching, stamping and cold or warm forming.
- For relays and switches, shrink fits, swaging, deep drawing, forging, extruding, packing. For V-belts, 'O' rings and sleeve bearings.
- For thread lubricants.

| Characteristics | Test Method | Unit | Specifications |
|-----------------------------|-------------|--------|------------------|
| Appearance | Visual | – | Fine powder |
| Colour | Visual | – | Greyish black |
| Density @27°C [typ.] | *CTM | gms/cc | 8 - 9 |
| Particle Size [avg.] | *CTM | μ | 1.5 |
| Friction Value [approx.] | – | – | 0.02. |
| Solid Lubricant | – | – | MoS ₂ |
| Operating Temperature Range | – | °C | -185/+450 |

*CTM =Corporate Test Method

MSDS available on request.

Due to continual upgradation of products above data is subject to change without notice
This supersedes our previously issued data sheets.

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Information and data given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of a product for a particular use is beyond our control; all risks of use of the product are therefore assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE.

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