



# tungsten disulfide

high-performance lubricant powder

WS<sub>2</sub>

- Small Sizes
- Fiber Drums
- Custom Formulations

Rose Mill Company, manufacturer of Bemol brand lubricants, offers 99.9% minimum purity tungsten disulfide powder. Our tungsten disulfide powder has a 0.03 coefficient of friction, withstands pressures up to 300,000 psi, and has a working temperature range of -450°F to 1200°F.

Rose Mill stocks WS<sub>2</sub> powder in 1/2 lb., 5 lb., and 25 lb. plastic pails (available online at [www.RoseMill.com](http://www.RoseMill.com)), and 50-100 lb. fiber drums. Custom packaging, custom formulation, and custom powdering is available to meet your specifications. Contact us for details.

## Product Analysis

### Tungsten Disulfide (WS<sub>2</sub>)

CAS 12138-09-9

Typical Analysis	Maximum %
WS <sub>2</sub>	99.90 min.
W	74.14 avg.
S	25.65 avg.
H <sub>2</sub> O	0.0500
Fe	0.0010
Al	0.0004
Si	0.0006
Cu	0.0005
Mg	0.0002
Ca	0.0010
Ni	0.0007
C	0.0013
Mo	0.0020
Other	0.0423
FSSS particle size	1.1 um

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