

NS6130-12-000869

Tungsten Disulfide

Coating

Quick Facts

Product

Tungsten Disulfide Coating

Stock No NS6130-12-000869

CAS 12138-09-9

Molecular Formula WS_2 Form Powder **Purity** >99%

Technical Specification

Molecular Weight	Density	Melting Point	APS
247.97 g/mol	7.4g/cm ³	1250°C	<1µm

Tungsten disulfide is an inorganic chemical compound composed of tungsten and sulfur with the chemical formula WS2. Tungsten disulfide (WS2) in bulk has been used for many years as a dry lubricant due to how it exhibits similar properties to Molybdenum Disulfide (MoS2), such as a low coefficient of friction, high chemical stability, and thermal stability.





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