

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.

WS₂
APS <1µm



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