

Molybdenum Spraying Wire with Alkaline Wash for Heating

Molybdenum spraying wire features a black alkaline wash surface treatment. It is designed for heating applications requiring excellent chemical resistance.



ADDITIONAL IMAGES



Product Overview

High-Performance Molybdenum Spraying Wire

This Molybdenum wire is specifically engineered for thermal spraying and heating applications, offering exceptional chemical resistance and high-temperature stability. Featuring a specialized alkaline wash surface, it ensures superior adhesion and consistent performance during coating processes. It is an ideal material for demanding industrial environments, including chemical machinery and vacuum metallization.

Key Performance Metrics

Performance Highlights

99.95 %
Minimum Purity

10.2 g/cm³
Density

Technical Specifications

Primary Material Grade

Mo1

Available Material Grades

Mo1, Mo2, TZM, MoLa

Compliance Standard

ASTM B387

Production Technique

Powder Metallurgy

Surface & Appearance



Surface Finish Options

- Black Surface
- Alkaline Wash (Cleaned)

Chemical Composition

Maximum Impurity Content (%)

Grade	Fe	Ni	Al	Si	Mg	C	N	O
Mo-1	0.01	0.005	0.002	0.01	0.005	0.01	0.003	0.008
Mo-2	0.01	0.005	0.005	0.01	0.005	0.01	0.003	0.02

Applications

Primary Applications

- Wire Cutting (EDM)
- Thermal Spraying Coating
- Heating Elements
- Chemical Machinery Components
- Vacuum Metallization

Logistics

Available Delivery Methods

TNT, FedEx, DHL