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Explore advanced synthesis, characterization, and applications of rhenium micron powder in aerospace and electronics, covering plasma atomization, alloy formulations, and high-temperature ...

Filaments: Rhenium powder is used to produce filaments in mass spectrometry and ion engines. These filaments provide high durability and stability under extreme conditions, allowing for precise and ...

Filaments: Rhenium powder is used to produce filaments in mass ...

At Elmet, we specialize in producing plasma-densified pure rhenium additive powders designed for cutting-edge R& D applications like jet engine parts, filaments, electrical contacts, and high ...

Molybdenum-rhenium alloys, containing 40-50 wt% Re, exhibit improved ductility and thermal shock resistance, making them ideal for thermionic emitters and plasma-facing components.

The analytical methods employed for Rhenium determination vary depending on the sample matrix, the expected concentration range, and the required precision and accuracy.

Rhenium has one of the highest densities, exceeded only by platinum, iridium, and osmium. Only tungsten has higher melting points. Rhenium has good wear resistance and can withstand arc ...

Novel water-soluble (99m)Tc (I)/Re (I)-porphyrin conjugates as potential multimodal agents for molecular imaging.

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Here at Union City Filament, we use rhenium as the base material for mass spectrometer filaments and other scientific instrument filaments. We began using rhenium in the 1990s for mass spectrometer ...

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