

Powders / Pellets / Perrhenic Acid



Rhenium Powder

Advanced metallurgy and compounding processes is what sets Rhenium Alloys apart.

Typical Applications

- Refractory & Ceramic Composites
- Thermo-Electric Materials
- Rocket Propulsion Parts
- RF Microwave Parts
- X-ray Anodes & Targets
- Laser Mirrors & Heat Sinks
- Carbide and Composite Tools

Uncompromising Standards

- Guaranteed Quality & Reliability
- Custom Formulations & Packaging

Your Prime Source For High Performance Chemical Products

Rhenium Alloys is a global leader in providing Rhenium chemicals required by manufacturers for critical parts and components. They are widely used in the production of high density, high temperature parts for aerospace, defense, energy and X-ray device industries.

We supply three standard powders, Rhenium, Molybdenum-Rhenium and Tungsten-Rhenium.

Rhenium Powder ... available with a choice of purity grades, 99.99% and 99.9% pure. Mesh sizes include -200, -325 and -635 mesh. Custom sizes available on request.

Molybdenum-Rhenium Powder ... Standard compositions, Mo-41%-Re and Mo-47.5%-Re. Additional compositions available upon request.

Tungsten-Rhenium Powder ... Standard composition, W-25%-RE. Additional compositions available upon request.

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Comprehensive Conversion Services

Rhenium Alloys has the cutting edge technology and expertise to deliver exactly what you need. We're uniquely able to convert ammonium perrhenate – or virtually any form of rhenium-bearing material - into powder, pellets, even perrhenic acid.

Ammonium Perrhenate (APR) ... we offer the highest purity APR to suit any specification.

Pellets (Rhenium Melting Stock) ... offered in two purity grades, 99.99% and 99.9% pure on a metals basis. Can be tailored to meet any specification.

Rhenium Pellets are a key alloying addition in Ni-base superalloys for turbines in jet engines. Rhenium Pellets are also widely used in chemical vapor deposition reactors.

Perrhenic Acid ... serves as a catalyst in a wide variety of chemical processes and is also used in the manufacture of X-ray targets.

Toll Processing Services ... Rhenium Alloys offers complete processing of all of the above products – utilizing your starting materials.

Contact your Rhenium Alloys representative for your specific needs. 888.743.6486



**RHENIUM
ALLOYS®**

Results. Invented here™

rhenium.com