

# RUTHENIUM

## Powder Sponge

Ruthenium is a chemical element with the symbol Ru and atomic number 44. It is a rare transition metal belonging to the platinum group of the periodic table. Ruthenium is used in wear-resistant electrical contacts and the production of thick-film resistors. Its use in some platinum alloys, and as a catalyst. It is a most effective hardeners for platinum and palladium. It is also used in some advanced high-temperature single-crystal super alloys, with applications including the turbine blades in jet engines and fountain pen nibs. Ruthenium is also used in some advanced high-temperature single-crystal superalloys, with applications including the turbine blades in jet engines.

**Ru**

**CAS**  
7440-18-8

NS6130-10-1160

### Quick Facts

Product	:	Ruthenium Powder Sponge
Stock No	:	NS6130-10-1160
CAS	:	7440-18-8
Color	:	Grey
Form	:	Powder

### TECHNICAL Specification

APS	:	100-200mesh
Purity	:	99.9%
Molecular Weight	:	101.07 g/mol
Density	:	12.3 g/cm <sup>3</sup>
Melting Point	:	2500°C

### APPLICATIONS

- ✓ Used in turbine blades
- ✓ Used in jet engines
- ✓ Used in some advanced high-temperature single-crystal super alloys

**APS**  
100-200mesh

**PURITY**  
99.9%

Rare Earth METALS

### Packing Sizes:

25Gms, 50Gms, 100Gms, 500Gms & Bulk Orders



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ISO 9001:2015  
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