

RHENIUM METAL POWDER I

Chemical Formula	Re
Description of Product	With a 63 µm sieve screened light grey metal powder, agglomerated single crystals.
Grades Available	Product Designation Rhenium Metal Powder I

Chemical Characteristics¹⁾ (Mass fraction in % [cg/g]; ppm [µg/g])

	Limit		
Re ²⁾	min.	99.99	%
O	max.	2500	ppm
H	max.	200	ppm
N	max.	200	ppm
Al	max.	5	ppm
B	max.	5	ppm
Ca	max.	3	ppm
Cr	max.	6	ppm
Cu	max.	3	ppm
Fe	max.	10	ppm
K	max.	10	ppm
Mg	max.	3	ppm
Mn	max.	5	ppm
Mo	max.	10	ppm
Na	max.	10	ppm
Ni	max.	10	ppm
Si	max.	10	ppm
Ti	max.	5	ppm
V	max.	3	ppm
Zn	max.	10	ppm
Zr	max.	3	ppm

Physical Characteristics

Fisher Number (as supplied)	1.8 -	3.0	µm
Apparent Density ³⁾	2.0 -	3.2	g/cm ³

1) Information on testing methods on request, 2) excluding gas contents, 3) Scott Volumeter per ASTM B 329.

Packaging 30 x 1 kg in 0.25 l PE-bottles in 30 l steel drum
10 x 4 kg in 1 l PE-bottles in 30 l steel drum.

Storage and Handling Storage and handling are subject to the rules and regulations in the country of use.

Hazards identification in Advertising (REGULATION (EC) No 1272/2008 Article 48)
none.

Documentation An inspection document in accordance with EN 10204 is supplied with every shipment.

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