



Product Specification

Product Name: COPPER METAL Foil AR (Approx. 0.1mm)

Alternate Name(s)

Description

Distinctive reddish coloured powder metal; odourless.

Properties

Chemical Formula:

Molecular Weight: 63.55

Product Code: CA054

CAS No.: 7440-50-8

General Information:

Insoluble in water, slowly soluble in ammonia water. Dissolves readily in nitric and hot concentrated sulfuric acids, in hydrochloric and dilute sulfuric acids slowly, but only when exposed to the atmosphere.

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Melting point	1083°C
Insoluble in nitric acid	0.01%
Antimony (Sb)	0.005%
Arsenic (As)	0.0001%
Calcium (Ca)	0.002%
Bismuth (Bi)	0.005%
Iron (Fe)	0.005%
Lead (Pb)	0.0015%
Manganese (Mn)	0.001%
Nickel (Ni)	0.002%
Potassium (K)	0.005%
Silver (Ag)	0.005%
Sodium (Na)	0.015%
Tin (Sn)	0.001%
Zinc (Zn)	0.002%

Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	N/A

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