



Product Specification

Product Name: COPPER METAL Powder LR

Alternate Name(s)

Description

Distinctive reddish coloured powder.

Properties

Chemical Formula: Cu

Molecular Weight: 63.55

Product Code: CL051

CAS No. 7440-50-8

General Information:

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.

Hazard and Safety Data

UN Group: None Allocate
Class: None Allocated
UN Number: None Allocated
Hazchem code: None Allocated
CS MSDS Code: 1CHHL
Poison schedule: Not Scheduled
Emergency
Procedure Guide No.: N/A

Quality Specification

Assay:

Specific Properties and Impurities [Typical levels]:

Density	8.94 g/mL
Melting Point	1083 °C
Mohs hardness	3.0
Oxygen	≤ 0.25 %
Mesh Size	
+120	< 0.2 %
-120+140	< 3.0 %
-325	50.0 - 65.0 %

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