

Crystal Data: Tetragonal. *Point Group:* 422.

Physical Properties: *Cleavage:* *Tenacity:* *Fracture:*
Hardness = D(meas.) = D(calc.) =

Optical Properties: *Color:* *Streak:* *Luster:*
Optical Class:

Cell Data: *Space Group:* P4₃2₁2. *a* = 4.0008(1) *c* = 11.2671(9)

X-Ray Diffraction Pattern: Bofang mine, ~40 km south of Hengyang City, Hunan Province, China.
2.746 (100), 2.304 (97), 1.998 (62), 1.967 (29), 2.262 (28), 1.704 (28), 1.887 (26)

Chemistry:

Polymorphism & Series: A dimorph of chalcocite.

Mineral Group:

Occurrence:

Association:

Distribution: From the Bofang copper mine (-65 m level), ~40 km south of Hengyang City, Hunan Province, People's Republic of China.

Name:

Type Material: Geological Museum of China, Beijing, People's Republic of China (M13712).

References: (1) Hålenius, U., F. Hatert, M. Pasero, and S.J. Mills (2017) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 40. New minerals and nomenclature modifications approved in 2017. *Mineral. Mag.*, 81(6), 1581.