

Crystal Data: Orthorhombic. *Point Group:* 2/m 2/m 2/m.

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

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

Cell Data: *Space Group:* Pmma. $a = 9.932(4)$ $b = 4.622(2)$ $c = 9.891(4)$

X-Ray Diffraction Pattern: Schöne Aussicht Mine, Dernbach, Neuwied, Wied Iron Spar District, Westerwald, Rhineland-Palatinate, Germany.
2.793 (100), 3.857 (58), 4.185 (32), 2.477 (30), 2.312 (22), 3.201 (22), 9.88 (20), 3.138 (20)

Chemistry:

Polymorphism & Series:

Mineral Group:

Occurrence:

Association:

Distribution From the Schöne Aussicht Mine, Dernbach, Neuwied, Wied Iron Spar District, Westerwald and the Friedrichssegen Mine, Frücht, Bad Ems District, Lahn valley, Rhineland-Palatinate, Germany.

Name:

Type Material: A.E. Fersman Mineralogical Museum, RAS, Moscow, Russia (5223/1 Schöne Aussicht Mine and 5223/2 Friedrichssegen Mine).

References: (1) Hålenius U., F. Hatert, M. Pasero, and S.J. Mills (2018) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 45. New minerals and nomenclature modifications approved in 2018. *Mineral. Mag.*, 82(5), 1226.