

Owensite**(Ba, Pb)₆(Cu, Fe, Ni)₂₅S₂₇**

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Crystal Data: n.d. *Point Group:* n.d. *Twinning:***Physical Properties:** *Cleavage:* *Fracture:* *Tenacity:* Hardness = n.d.
VHN = D(meas.) = n.d. D(calc.) = n.d.**Optical Properties:** n.d. *Color:* *Streak:* *Luster:**Optical Class:* *Pleochroism:* *Orientation:* *Dispersion:* *Absorption:* $n = \omega = \epsilon = \alpha = \beta = \gamma = 2V(\text{meas.}) = \text{n.d.}$ $2V(\text{calc.}) =$ *Anisotropism:* *Bireflectance:*

R:

R₁-R₂:**Cell Data:** *Space Group:* n.d. $a = b = c = \alpha = \beta = \gamma = Z = \text{n.d.}$ **X-ray Powder Pattern:** n.d.**Chemistry:**

	(1)	(2)	(3)
Na			
K			
Os			
Ir			
Ru			
Pt			
Rh			
Pd			
Hg			
Ag			
Au			
Pb			
Cu			
Zn			
Fe			
Te			
Se			
As			
Sb			
Bi			
S			
F			
Cl			
Br			
I			
LOI			
rem.			
insol.			
<hr/>			
Total			

(1)

Polymorphism & Series:**Mineral Group:****Occurrence:**

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Association: n.d.

Distribution:

Name:

Type Material: n.d.

References: (1)