



>>Entry Name: Germanium(IV) selenide (GeSe₂)

Synonym(s): Germanium diselenide

CAS Registry Number: 12065-11-1

GeSe₂

Molecular Formula: GeSe₂

Molecular Weight: 230.53

Accurate Mass: 233.754217

Percentage Composition: Ge 31.50%; Se 68.50%

Physical Description: Orange rhomboids

Melting Point: Mp 707°

Solubility: Insol. H₂O; sl. sol alkali; v. sl. sol. acids

Other Data: Dec. before Bp

References:

Popovic, Z.V. *et al.*, *Phys. Status Solidi B*, 1981, **108**, 153, (*ir, Raman, cryst*)

Ipsen, H. *et al.*, *Monatsh. Chem.*, 1982, **113**, 389, (*phase diagram*)

Ueno, T., *Jpn. J. Appl. Phys., Part 1*, 1983, **22**, 1349, (*pe*)

Nemanich, R.J. *et al.*, *Physica B+C (Amsterdam)*, 1983, **118**, 959, (*cryst struct*)

Popovic, Z.V. *et al.*, *Phys. Rev. B: Condens. Matter*, 1986, **33**, 5878, (*ir*)