



>>Entry Name: Iron telluride (FeTe)

Synonym(s): β -Phase of iron telluride

CAS Registry Number: 12125-63-2

Related CAS Registry Numbers(s): 50926-13-1

FeTe

Molecular Formula: FeTe

Molecular Weight: 183.447

Accurate Mass: 185.841168

Percentage Composition: Fe 30.44%; Te 69.56%

Source/Synthesis: Synth. from elements

Use/Importance: Presence in steels causes embrittlement

Other Data: Curie point 130K

>>Derivative: FeTe₂

References:

Nouveau Traite de Chimie Minerale, 1967, 794, (bibl)

Reddy, K.V. *et al.*, *Phys. Status Solidi A*, 1976, **37**, 687, (Mössbauer, struct)

Lee, S.H. *et al.*, *Sae Mulli*, 1987, **27**, 298; *CA*, **107**, 164588b, (Mössbauer, struct)