

## Phase diagram of K-O (potassium-oxygen) system

### Phase Diagram

Using results of DTA by Natola et al. [70Nat] up to 33.3 atom-% O and taking results of calculations of experimentally determined data from Byker et al. [79Byk] (33.3 atom-% to 70 atom-% O) Okamoto [99Oka] has constructed a partial (up to 70 atom-% O) phase diagram which is shown in Fig. 1.

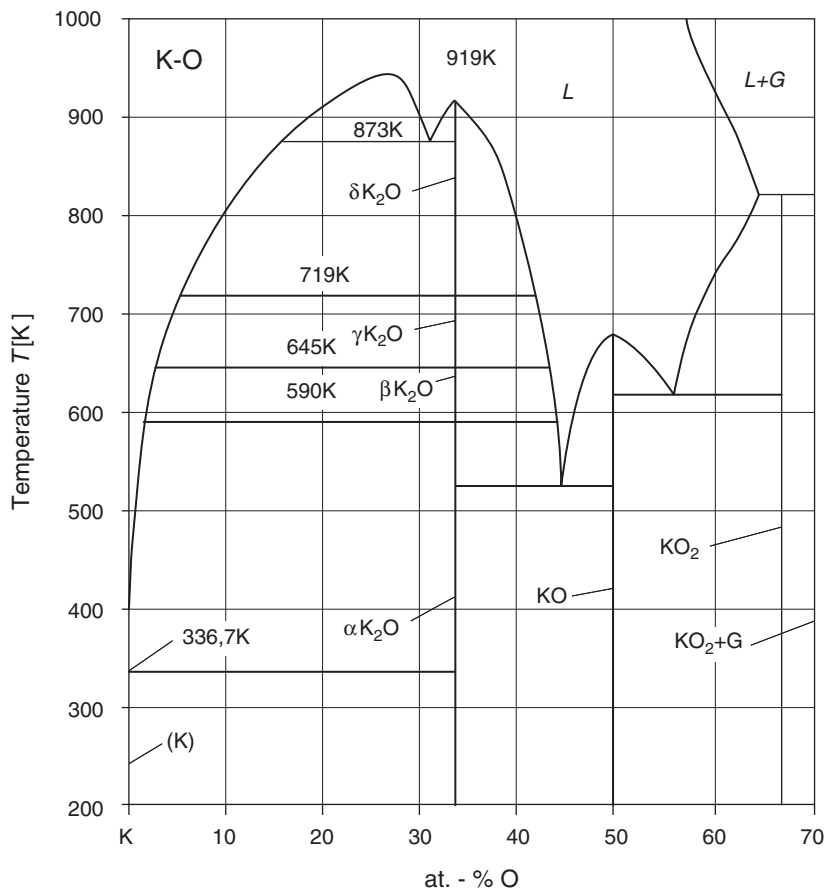


Fig. 1 K-O. Partial phase diagram of the K-O system [99Oka]

### Symbols and abbreviations

Short form	Full form
DTA	differential thermal analysis

### References

- [70Nat] Natola, F., Touzain, P.: *Canad. J. Chem.* **48** (1970) 1955  
 [79Byk] Byker, H.J., Eliezer, I., Howald, R.C., Ehlert, T.C.: *High-Temp. Mater. Sci.* **11** (1979) 153  
 [99Oka] Okamoto, H.: *J. Phase Equil.* **20** (1999) 167