

The stable tetrahedron NaF-KF-KI-K₂CrO₄ of four-component reciprocal system Na,K || F,I,CrO₄ research

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Abstract

Integrated tetrahedron NaF-KF-KI-K₂CrO₄ of the four-component reciprocal system Na,K || F,I,CrO₄ was studied by the method of differential thermal analysis. As a result we have defined the melting point temperature, the enthalpy of melting and the compositions of the four-component eutectic mixture have been defined. The eutectic mixture is advisable to be used as fusible electrolyte for the chemical source of current.