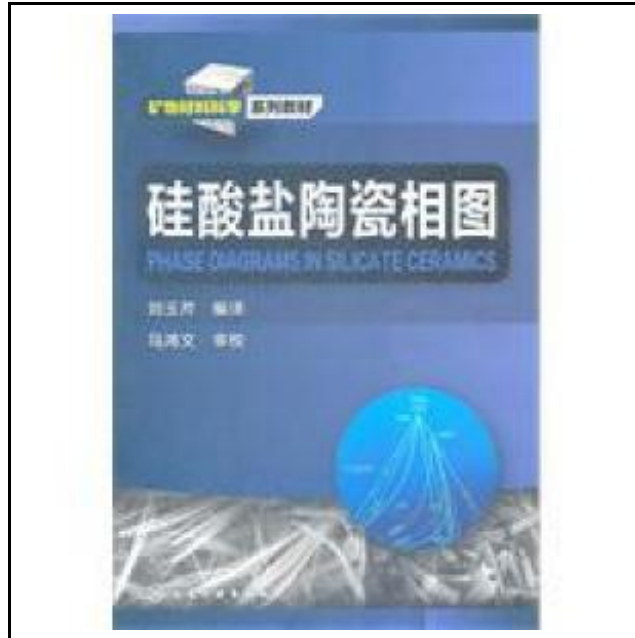


## Silicate ceramic phase diagram (mineral materials science textbook series)



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### ***Reviews***

*Complete information! Its such a excellent study. It is filled with knowledge and wisdom I realized this publication from my dad and i advised this publication to find out.*  
***(Geovanny Grimes)***

## SILICATE CERAMIC PHASE DIAGRAM (MINERAL MATERIALS SCIENCE TEXTBOOK SERIES)



paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 208 Publisher: Chemical Industry Pub. Date :2011-07-01 version 1 by Liu Yuqin compilation of the silicate ceramic phase diagram. a collection of common silicate component of the main pressure temperature phase diagram and the relationship  $\text{SiO}_2$ ,  $\text{TiO}_2$ ,  $\text{Al}_2\text{O}_3$ ,  $\text{FeOx}$ ,  $\text{MnO}$ ,  $\text{MgO}$ ,  $\text{CaO}$ ,  $\text{Na}_2\text{O}$ ,  $\text{K}_2\text{O}$  and  $\text{P}_2\text{O}_5$  for the end-member component of the binary system, ternary and multi-phase diagram. In order to facilitate the reader to read and use, silicate ceramic phase diagram also with common mineral species in Chinese and English names, abbreviations and chemical formulas. Silicate ceramic phase diagram is not only materials science and engineering undergraduate and graduate study Inorganic Materials Physical Chemistry course teaching reference books, as well as other specialized materials science, geology, metallurgy, mining, building materials, colleges and universities graduate students and teachers, and related fields of research related reference books. Contents: Introduction Chapter unit phase diagram 1.  $\text{SiO}_2$ - $\text{Al}_2\text{SiO}_5$ ,  $\text{CaSiO}_3$ ,  $\text{FeSiO}_3$ ,  $\text{MgSiO}_3$ ,  $\text{CaAl}_2\text{SiO}_6$ ,  $\text{CaMgSi}_2\text{O}_6$ ,  $\text{Ca}_2\text{MgSi}_2\text{O}_7$ ,  $\text{KAlSi}_3\text{O}_8$ ,  $\text{NaAlSi}_2\text{O}_6$ ,  $\text{NaAlSi}_3\text{O}_8$  Chapter binary phase diagram 1.  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ ,  $\text{SiO}_2$ - $\text{CaO}$ ,  $\text{SiO}_2$ - $\text{FeOx}$ ,  $\text{SiO}_2$ - $\text{K}_2\text{O}$ ,  $\text{SiO}_2$ - $\text{MgO}$ ,  $\text{SiO}_2$ - $\text{MnO}$ ,  $\text{SiO}_2$ - $\text{Na}_2\text{O}$ ,  $\text{SiO}_2$ - $\text{P}_2\text{O}_5$ ,  $\text{SiO}_2$ - $\text{TiO}_2$ ,  $\text{Al}_2\text{O}_3$ - $\text{CaO}$ ,  $\text{Al}_2\text{O}_3$ - $\text{FeOx}$ ,  $\text{Al}_2\text{O}_3$ - $\text{K}_2\text{O}$ ,  $\text{Al}_2\text{O}_3$ - $\text{MgO}$ ,  $\text{Al}_2\text{O}_3$ - $\text{MnO}$ ,  $\text{Al}_2\text{O}_3$ - $\text{Na}_2\text{O}$ ,  $\text{Al}_2\text{O}_3$ - $\text{P}_2\text{O}_5$ ,  $\text{Al}_2\text{O}_3$ - $\text{TiO}_2$ ,  $\text{CaO}$ - $\text{FeOx}$ ,  $\text{CaO}$ - $\text{MgO}$ ,  $\text{CaO}$ - $\text{MnO}$ ,  $\text{CaO}$ - $\text{P}_2\text{O}_5$ ,  $\text{CaO}$ - $\text{TiO}_2$ ,  $\text{FeO}$ - $\text{Fe}_2\text{O}_3$ ,  $\text{FeOx}$ - $\text{K}_2\text{O}$ ,  $\text{FeOx}$ - $\text{MgO}$ ,  $\text{FeOx}$ - $\text{MnO}$ ,  $\text{FeOx}$ - $\text{Na}_2\text{O}$ ,  $\text{FeOx}$ - $\text{P}_2\text{O}_5$ ,  $\text{FeOx}$ - $\text{TiO}_2$ ,  $\text{K}_2\text{O}$ - $\text{P}_2\text{O}_5$ ,  $\text{K}_2\text{O}$ - $\text{TiO}_2$ ,  $\text{MgO}$ - $\text{MnO}$ ,  $\text{MgO}$ - $\text{P}_2\text{O}_5$ ,  $\text{MgO}$ - $\text{TiO}_2$ ,  $\text{MnO}$ - $\text{TiO}_2$ ,  $\text{Na}_2\text{O}$ - $\text{P}_2\text{O}_5$ ,  $\text{Na}_2\text{O}$ - $\text{TiO}_2$ ,  $\text{P}_2\text{O}_5$ - $\text{TiO}_2$  ternary phase diagram of the third chapter 1.  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{CaO}$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{FeOx}$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{K}_2\text{O}$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{MgO}$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{Na}_2\text{O}$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{P}_2\text{O}_5$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{TiO}_2$ ,  $\text{SiO}_2$ - $\text{CaO}$ - $\text{FeOx}$ ,  $\text{SiO}_2$ - $\text{CaO}$ - $\text{K}_2\text{O}$ ,  $\text{SiO}_2$ - $\text{CaO}$ - $\text{MgO}$ ,  $\text{SiO}_2$ - $\text{CaO}$ - $\text{Na}_2\text{O}$ ,  $\text{SiO}_2$ - $\text{CaO}$ - $\text{P}_2\text{O}_5$ ,  $\text{SiO}_2$ - $\text{CaO}$ - $\text{TiO}_2$ ,  $\text{SiO}_2$ - $\text{FeO}$ - $\text{Fe}_2\text{O}_3$ ,  $\text{SiO}_2$ - $\text{FeOx}$ - $\text{K}_2\text{O}$ ,  $\text{SiO}_2$ - $\text{FeOx}$ - $\text{MgO}$ ,  $\text{SiO}_2$ - $\text{FeOx}$ - $\text{Na}_2\text{O}$ ,  $\text{SiO}_2$ - $\text{FeOx}$ - $\text{TiO}_2$ ,  $\text{SiO}_2$ - $\text{K}_2\text{O}$ - $\text{MgO}$ ,  $\text{SiO}_2$ - $\text{K}_2\text{O}$ - $\text{Na}_2\text{O}$ ,  $\text{SiO}_2$ - $\text{K}_2\text{O}$ - $\text{P}_2\text{O}_5$ ,  $\text{SiO}_2$ - $\text{K}_2\text{O}$ - $\text{TiO}_2$ ,  $\text{SiO}_2$ - $\text{MgO}$ - $\text{MnO}$ ,  $\text{SiO}_2$ - $\text{MgO}$ - $\text{Na}_2\text{O}$ ,  $\text{SiO}_2$ - $\text{MgO}$ - $\text{P}_2\text{O}_5$ ,  $\text{SiO}_2$ - $\text{MgO}$ - $\text{TiO}_2$ ,  $\text{SiO}_2$ - $\text{MnO}$ - $\text{TiO}_2$ ,  $\text{SiO}_2$ - $\text{Na}_2\text{O}$ - $\text{P}_2\text{O}_5$ ,  $\text{SiO}_2$ - $\text{Na}_2\text{O}$ - $\text{TiO}_2$ ,  $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{FeOx}$ ,  $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{K}_2\text{O}$ ,  $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{MgO}$ ,  $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{Na}_2\text{O}$ ,  $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{P}_2\text{O}_5$ ,  $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{TiO}_2$ ,  $\text{Al}_2\text{O}_3$ - $\text{FeOx}$ - $\text{TiO}_2$ ,  $\text{Al}_2\text{O}_3$ - 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$\text{TiO}_2$ ,  $\text{FeOx}$ - $\text{MnO}$ - $\text{TiO}_2$ ,  $\text{FeOx}$ - $\text{Na}_2\text{O}$ - $\text{P}_2\text{O}_5$ ,  $\text{K}_2\text{O}$ - $\text{MgO}$ - $\text{P}_2\text{O}_5$ ,  $\text{K}_2\text{O}$ - $\text{Na}_2\text{O}$ - $\text{P}_2\text{O}_5$ ,  $\text{K}_2\text{O}$ - $\text{Na}_2\text{O}$ - $\text{TiO}_2$ ,  $\text{K}_2\text{O}$ - $\text{P}_2\text{O}_5$ - $\text{TiO}_2$ ,  $\text{MgO}$ - $\text{Na}_2\text{O}$ - $\text{P}_2\text{O}_5$  first four chapters multi phase diagram 1.  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{FeOx}$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{K}_2\text{O}$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{MgO}$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{Na}_2\text{O}$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{P}_2\text{O}_5$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{TiO}_2$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{FeOx}$ - $\text{K}_2\text{O}$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{FeOx}$ - $\text{Na}_2\text{O}$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{FeOx}$ - $\text{TiO}_2$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{K}_2\text{O}$ - $\text{MgO}$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{MgO}$ - $\text{Na}_2\text{O}$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{FeOx}$ - $\text{MgO}$ ,  $\text{SiO}_2$ - $\text{CaO}$ - $\text{FeOx}$ - $\text{P}_2\text{O}_5$ ,  $\text{SiO}_2$ - $\text{CaO}$ - $\text{FeOx}$ - $\text{TiO}_2$ ,  $\text{SiO}_2$ - $\text{CaO}$ - $\text{MgO}$ - $\text{TiO}_2$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{FeOx}$ - $\text{MgO}$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{K}_2\text{O}$ - $\text{MgO}$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{K}_2\text{O}$ - $\text{Na}_2\text{O}$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{MgO}$ - $\text{Na}_2\text{O}$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{MgO}$ - $\text{TiO}_2$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{FeOx}$ - $\text{MgO}$ - $\text{Na}_2\text{O}$ ,  $\text{SiO}_2$ - $\text{Al}_2\text{O}_3$ - $\text{CaO}$ - $\text{MgO}$ - $\text{Na}_2\text{O}$ - $\text{TiO}_2$  mineral species in Appendix 1 English name, abbreviation symbol, Chinese name and chemical formula reported in the literature in Appendix 2 end-member melting point oxides Four Satisfaction guaranteed, or money back.



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