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乙烯-苯-乙苯三元系临界温度和临界压力研究

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摘要 Critical temperature (Tc) and critical pressure (pc) of the ternary mixture of ethylene + benzene + ethylbenzene (the mole ratio of ethylbenzene to benzene was fixed at 0.95:0.05) were measured by using a highpressure view cell with direct visual observation. The interaction coefficients obtained from the critical properties of the relevant binary systems were used to predict the critical properties (Tc, pc) of the ternary mixture. The agreement between the prediction and experiments is satisfactory.

关键词 [critical property](#) [ternary mixture](#) [benzene](#) [ethylbenzene](#) [ethylene](#)

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Measurements of the Critical Temperature and Pressure of Ethylene+Benzene+Et hylbenzene Mixture

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Key words [critical property](#); [ternary mixture](#); [benzene](#); [ethylbenzene](#); [ethylene](#)

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