

Measurement of Vapor-Liquid Equilibria for the Mixture of Octafluoropropane(R-218)
+ Hexafluoropropylene(R-1216)

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Isothermal vapor-liquid equilibria data for the binary mixture of difluoromethane (HFC-32) + propylene (R-1270) at four equally spaced temperatures between 273.15 and 313.15K were measured by using a circulation-type equilibrium apparatus. The experimental data were correlated with the Peng-Robinson equation of state combined with the Wong-Sandler mixing rule. It was confirmed that the data calculated by this equation of state have a small difference with experimental values. Zeotropic behavior was found in this mixture.