

Vapor-Liquid Equilibria of the Binary 1, 1, 2-trifluoroethane (HFC-143a) + Propane (HC-290), + n-Butane (HC-600) Mixture Systems

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Binary vapor liquid equilibrium data were measured for the 1,1,2-trifluoroethane (HFC-143a) + Propane (HC-290), + n-Butane (HC-600) systems at temperature from 313.15 K to 363.15 K. These experiments were carried out with a circulating-type apparatus with on-line gas chromatography. The experimental data were correlated well by Peng-Robinson equation of state using the Wong-Sandler mixing rules.