

Detherm Content

The following databases are part of DETHERM:

Dortmunder Datenbank **DDB**

(Prof. Gmehling, [DDBST GmbH](#), Oldenburg)

Phase Equilibrium data

- Vapour-Liquid-Equilibria
- Liquid-Liquid-Equilibria
- Vapour-Liquid-Equilibria of low boiling substances
- Activity coefficients at infinite dilution
- Gas solubilities
- Critical data of mixtures
- Solid-Liquid-Equilibria
- Azeotropic data
- Salt solubilities (mainly in water)
- Partition coefficients (octanol-water)
- Polymer mixtures

Mixture & Excess Properties

- Excess Enthalpies
- Excess Heat Capacities
- Excess Volumina
- Viscosities
- Thermal conductivities
- Surface tensions
- Speed of sound
- Dielectric constants
- Gas Hydrates

Pure Component Properties

- Transport Properties
- Vapour Pressures
- Critical Data
- Melting Points
- Densities
- Caloric Properties
- Others

Electrolyte data collection **ELDAR**

(University of Regensburg, LS Chemie IV)

- Caloric Data
- Electrochemical Properties
- Phase Equilibrium Data
- PVT Properties
- Transport Properties

Thermophysical database **INFOTHERM**

(Wiley/VCH - formerly FIZ Chemie, Berlin)

- PVT-Daten
- Transport Properties
- Surface Properties
- Caloric Properties
- Phase Equilibrium Data
- Vapour-Liquid-Equilibria

- Gas-Liquid-Equilibria
- Liquid-Liquid-Equilibria
- Solid-Liquid-Equilibria
- Pure Component Basic
- **COMDOR**

(former Leuna GmbH in Cooperation with former FIZ Chemie, Berlin)

- Phase Equilibria
- Excess Enthalpies
- Transport and Surface Properties
- Caloric and Acoustic Data
- **C-DATA**

(Institut für Chemical Technic, Prag)

20 physico-chemical Properties for 593 pure components

- Basic Database Böhlen **BDBB**

(former Sächsische Olefinwerke AG Böhlen, now DOW Chemical)

Pure Component Database of the "Sächsische Olefinwerke" with chemical and physical basic data for 1126 pure substances (mainly for the fields of petroleum and coal chemistry)

Solubility Database **CAPEC-SDB**

(Prof. J. Abildskov, CAPEC, Technical University of Denmark)

Solubilities and related properties of large, complex chemicals (mainly specialty chemicals, pharmaceuticals and biochemicals with 4 to 40 carbon atoms)

Additional

(DECHEMA e.V.)

- Vapour Pressures
- Transport Properties
- Thermal Conductivities
- Viscosities
- Caloric Properties
- PVT-Data
- Critical Data
- Eutectical Data
- Solubilities
- Diffusion Coefficients