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-Equlibria
Liquid-Liquid-Equlibria
Solid-Liquid-Equlibria
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 for 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
- Solubilites
- Diffusion Coefficients