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** INFOTERM
*(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 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
- Solubilities
- Diffusion Coefficients