

Industrial Process Engineering

PHYSICAL PROPERTIES

You're looking for:

- Reliable and precise measurements
- A way to keep your costs under control
- Solutions to your complex engineering challenges

Processium provides you with:

- Our engineers' expertise
- Our unique methodology
- Our dedicated technological platform

We offer you:

Physical properties measurements

What we measure:

- Vapor pressures, liquid-vapor and liquid-liquid equilibria between -50 and 300 °C, and between 10⁻⁴ Pa and 10 MPa
- Azeotropes, distribution coefficient, critical points
- Activity coefficient, Henry's law Constant
- Melting points, sublimation pressure, etc.

e-thermo™: physical properties management software package

- A unique software package
- Easy and immediate access via intranet and the Internet
- Constant data base updates
- Secure access

Formulation assistance

What we do:

- Replace solvents, reagents or additives with other products of equivalent capabilities
- Identify products, providing their precise physical characteristics

Process modelling

What we do:

- Select pertinent data
- Design appropriate models
- Adjust the parameters based on experimental data (laboratory, pilot plant, production unit)
- Validate the models in process conditions
- Integrate and validate the models in process analyses, measurements and tests is adapted to all your industrial projects.



Processium's state-of-the-art industrial-scale laboratory for analyses, measurements and tests is adapted to all your industrial projects.

Processium, a team of experts in industrial process engineering:

- Physical properties
- Design and improvement of manufacturing plants
- Expert assistance in technological innovations

For further information: www.processium.com

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