



Thermophysical Properties of Chemicals and Hydrocarbons, Second Edition

By Carl L. Yaws

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Compiled by an expert in the field, the book provides an engineer with data they can trust. Spanning gases, liquids, and solids, all critical properties (including viscosity, thermal conductivity, and diffusion coefficient) are covered.

From C1 to C100 organics and Ac to Zr inorganics, the data in this handbook is a perfect quick reference for field, lab or classroom usage. By collecting a large – but relevant – amount of information in one source, the handbook enables engineers to spend more time developing new designs and processes, and less time collecting vital properties data. This is not a theoretical treatise, but an aid to the practicing engineer in the field, on day-to-day operations and long range projects.

- Simplifies research and significantly reduces the amount of time spent collecting properties data
- Compiled by an expert in the field, the book provides an engineer with data they can trust in design, research, development and manufacturing
- A single, easy reference for critical temperature dependent properties for a wide range of hydrocarbons, including C1 to C100 organics and Ac to Zr inorganics

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Thermophysical Properties of Chemicals and Hydrocarbons, Second Edition By Carl L. Yaws Bibliography

- Rank: #899740 in Books
- Published on: 2014-07-02
- Original language: English
- Number of items: 1
- Dimensions: 11.00" h x 8.75" w x 2.25" l, 6.76 pounds
- Binding: Hardcover
- 1000 pages

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Editorial Review

About the Author

Carl L. Yaws, PhD is Professor of chemical engineering (retired) at Lamar University, in Beaumont, Texas. He has industrial experience in process engineering, development, modeling, and design at Exxon, Ethyl, and Texas Instruments. He is the author of 36 books and more than 1000 technical publications (papers, presentations, and chapters in books) in process engineering, property data, and pollution prevention. He is a leading authority on property data of chemical compounds for use by practicing engineers and scientists.

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