



Prescott Memorial Library
Guide to Resources in
Chemical Engineering

INDEXES

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Scifinder Scholar (Chem Abstracts) **online under Indexes and Databases**
Note: requires software download
ACS Archive and ACS Web Editions **online under e-journals**

Note: all current ACS journals are available full text through the LaTech catalog.

DIRECTORIES

American Consulting Engineers Council Directory **Index Table 5**
Biotechnology Directory **Index Table 5**
Chem Sources USA **Index Table 5**
Directory of Louisiana Manufacturers **La Docs Ref C 1.9:998**
Louisiana Manufacturers Register **Ready Ref HF 5065 L8 L69**
Louisiana Business Directory **Ready Ref HF 5065 L6 L6 2000**
South Central High Technology Directory **Index Table 4**
Thomas Register of American Manufacturers **Index Table 8 and www.thomasnet.com**

GENERAL ENGINEERING MATERIALS

e-Book Collections

Knovel (fully searchable electronic reference books) **on library homepage**
netLibrary (electronic versions of popular and technical books) **on library homepage**

Encyclopedias and Dictionaries

Encyclopedia of Fluid Mechanics **Ref TA 357 E53 1986**
McGraw-Hill Encyclopedia of Science and Technology **Ready Ref Q 121 M3**
McGraw-Hill Dictionary of Scientific and Technical Terms **Ready Ref Q 123 M15**
Van Nostrand's Scientific Encyclopedia **Ready Ref Q 121 V3**

Handbooks

ASTM Standards **Ref TA 401 A653**
CRC Handbook of Chemistry and Physics **Ready Ref QD 65 H3**
CRC Handbook of Tables for Applied Engineering Science **Ref TA 151 C2**
The Engineering Handbook **Ref TA 151 E424 1996**
Eschbach's Handbook of Engineering Fundamentals **Ref TA 151 E8 1989**
Handbook of Heat Transfer **Ref QC 320.4 H36 1998**
(Perry's) Engineering Manual **Ref TA 151 P645**
Standard Handbook of Engineering Calculations **Ref TA 332 S73 1985**
The Transforms and Applications Handbook **Ref QA 601 T73 1996**

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CHEMICAL ENGINEERING

Encyclopedias and Dictionaries

Chemical Engineering Practice **Ref TP 155 C74 1956 copy 1**
Chemical Synonyms and Antonyms **Ref TP 9 G28 1972**
Chemical Tradename Directory **Ref TP 9 A73 1993**
Encyclopedia of Electrochemistry **Ref QD 553 H3**
Kirk-Othmer Encyclopedia of Chemical Technology **Ref TP 9 E685**
(McKetta) Encyclopedia of Chemical Processing and Design **Ref TP 9 E66**
Thorpe's Dictionary of Applied Chemistry **Ref TP 9 T72**

Handbooks

Chemical Process Calculations Manual **Ref TP 155.7 I33 2004**
Chemical Properties Handbook **Ref TP 200 Y35 1999**
Chemical Technician's Ready Reference Handbook **Ref QD 61 S58 1981**
Chemical Technology Handbook **Ref TP 151 C575 1975**
Handbook of Chemical Engineering Calculations **Ref TP 149 H285 1993 copy 1**
Handbook of Industrial Chemistry **Ref TP 151 A57 2005**
Handbook of Material Trade Names **Ref TP 151 Z5 1953 and suppl.**
Industrial Solvents Handbook **Ref TP 247.5 I53 1985**
Lange's Handbook of Chemistry **Ready Ref TP 151 H25**
Perry's Chemical Engineer's Handbook **Ref TP 151 P45 copy 1 on Ready Ref**
Riegel's Handbook of Industrial Chemistry **Ref TP 145 R54 1983**
Sax's Dangerous Properties of Industrial Materials, 4 vols. **Ref T 55.3 H3S3 1996**
Shreve's Chemical Process Industries **Ref TP 145 S5 1984**
Tables of Physical and Chemical Constants **Ref QC 61 K3 1973**

Plastics

Encyclopedia of Basic Materials for Plastics **Ref TP 1110 S49**
Engineering Plastics and Composites **Ref TP 1132 E54 1990**
Handbook of Plastics, Elastomers, and Composites **Ref TP 1130 H36 1996**
Injection Molding Handbook **Ref TP 1150 I55 1986**
Modern Plastics Encyclopedia **Ref TP 986 A1 M62**
Plastics Design Handbook **Ref TA 455 P5 R66 2001**
Plastics Engineering Handbook **Ref TP 1130 S58**
Plastics Materials **Ref TP1120 B7 1999**
Plastics Tooling and Manufacturing Handbook **Ref TJ 1194 A5**
Rosato's Plastics Encyclopedia and Dictionary **Ref TP 1110 R67 1993**

Polymers

Concise Polymeric Materials Encyclopedia **Ref TP 1110 C66 1999**
Encyclopedia of Polymer Science and Engineering, 17 vols. **Ref TP 1087 E46 1985**
Physical Properties of Polymers **Ref TA 455 P58 P474 2004**
Polymer Science Dictionary **Ref QD 380.3 A52 1989**
Polymer Handbook **Ref QD 388 P65 1989**
Polymer Data Handbook **Ref TA 455 P58 P675 1999**
Polymers: an Encyclopedic Sourcebook of Engineering Properties **Ref TA 455 P58 P695 1987**

Product Catalogs

Advanced Chem Tech Product Catalog **Ref TP 202 P7p**
Aldrich Catalog of Fine Chemicals **Ref TP 202 A52**
Alfa Aesar: research chemicals, metals, and materials **Ref TP 158 J65**
American Peptide Company **Ref TP 202 A5p**
Flinn Chemical and Biological Catalog **Ref TP F55**
Fluka: chemica, biochemica, analytica **Ref TP 202 F58**
ICN Biochemicals and Reagents **Ref TP 202 I26**
Janssen Chimica Catalog/Handbook **Ref TP 202 J367**
Sigma Biochemicals Organic Compounds for Research **Ref TP 202 B5p**
Spectrum Chemical Manufacturing Corporation
Laboratory, Pharmaceutical, Cosmetic, and Biotechnology Chemicals **Ref TP 202 S7**
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