

Chemical Processing Nomographs

By Raymond A. Kulwiec

Chemical Publishing Co Inc., U.S., United States, 1969. Paperback. Book Condition: New. Large type edition. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.2nd Edition, Revised and Enlarged. - CONTENTS -; 1. Flow of Fluids 9 - Flow of Mercury-Flow of Steam, Air, and Other GasesRelated Topics: Hydrostatic Heads, Equivalent Diameters, Hydraulic Radius, Pressure Drops, Viscous Flow, Rotameters, Fluidizing-Flow of Water through Pipes and Valves and Over Weirs-Flow of Chemicals in Solution Orifice Flow;; 2. Some Aspects of Heat 59 - Heat Transfer Coefficients-Losses-Heat ContentsSpecific Heats-Resistance Heaters-Industrial Requirements;; 3. Pulp and Paper Mill Calculations 95 - Consistencies-Inventory-Production-Roll Length- Breaking Length;; 4. Vapor Pressures 115 - Hydrocarbons-Gasoline-Liquefied Petroleum GasesChlorinated Methanes, Ethanes, and Ethylenes-GlycolsEsters- Miscellaneous Compounds;; 5. Densities and Specific Gravities 139 - Fatty Acids-Esters-Formalin Solutions-KetonesAqueous Acetone, Methanol, Ethanol, Nitric Acid, Urea, Sulfuric Acid-Asphaltic Materials-Oleum;; 6. Relationships of Pressure, Volume, and Temperature 161 - Vapors at Low Pressures-Air-Gases at Standard Conditions-Freon 11;; 7. Sizing of Equipment 175 - Cyclone Dip Legs-Catalyst Hoppers-Pumps and Pump Motors;; 8. Miscellaneous 189 - Properties-Equipment -Correction, Characterization, and Conversion Factors-Blending-Industrial ProductionCrystallization - Electrodeposition - Contaminants - Costs-Design of Vessels-Purging-Screening-Sedimentation- Relative Volatility-Efficiencies-Permeability;



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