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3.2.5 Production Phase3.2.6 Evaporite Production; 3.2.7 Subsurface Brines; 3.3 Process Description; 3.3.1 Precipitation Reaction; 3.3.2 Influence of Reaction Conditions on Mg(OH)₂ Particle Morphology; 3.3.3 Dolime/Lime Requirements; 3.3.4 Seawater Pretreatment; 3.3.5 Precipitation Process; 3.3.6 Settling and Compaction; 3.3.7 Washing; 3.3.8 Filtration; 3.3.9 Brine Precipitation; 3.4 Calcination; 3.5 Grinding; 3.6 Packaging; 3.7 Sampling and Testing and In-Process Quality Control; 3.7.1 Dolime; 3.7.2 Seawater; 3.7.3 Reactor; 3.7.4 Settling/Thickener; 3.7.5 Washing; 3.7.6 Filtration
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Sommario/riassunto

A Complete Guide to Magnesia-From Mining to End UseOften relegated to footnote status in texts, magnesia is nevertheless a valuable substance widely used in applications ranging from wastewater treatment to catalysis. The Chemistry and Technology of Magnesia fills the long-standing gap in the literature with a comprehensive, one-stop reference to ""all things magnesia." The book brings together the many strands of information on magnesium compounds, their production, testing and evaluation, technology, applications, and markets. Opening with an introductory history of the chemi
