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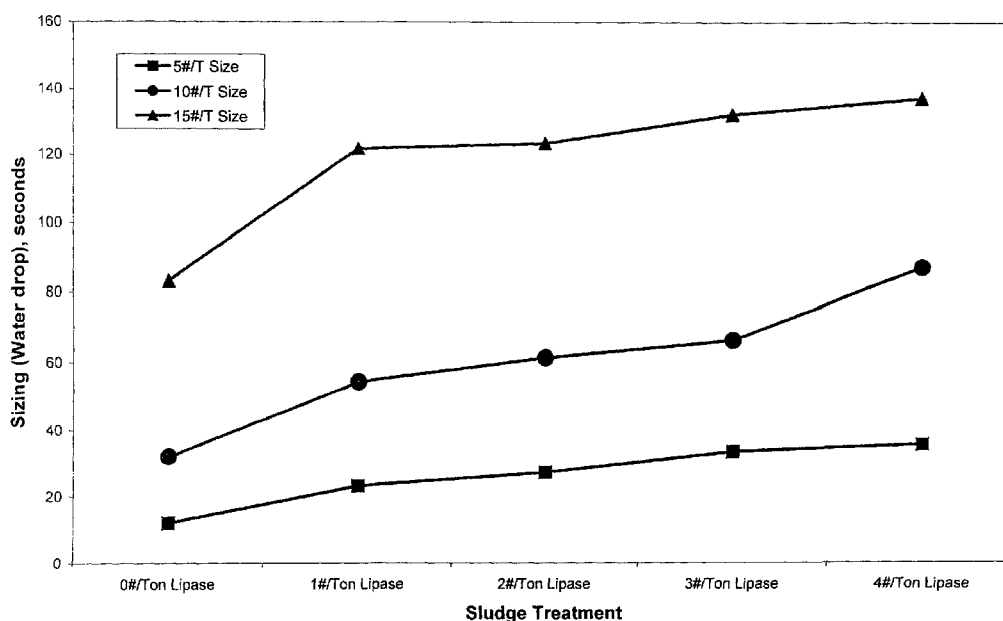
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(54) Title: PAPERMAKING PROCESS USING ENZYME-TREATED SLUDGE, AND PRODUCTS

Effect of Lipase Treatment of Sludge on Sizing
10# of Sludge per Ton of Pulp



(57) Abstract: Enzyme-treated papermaking sludges are provided, as are methods of making the enzyme-treated sludge. Paper-making processes that incorporate the enzyme-treated papermaking sludges into papermaking pulp are also provided as are paper and paperboard products made from the resultant pulp.



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