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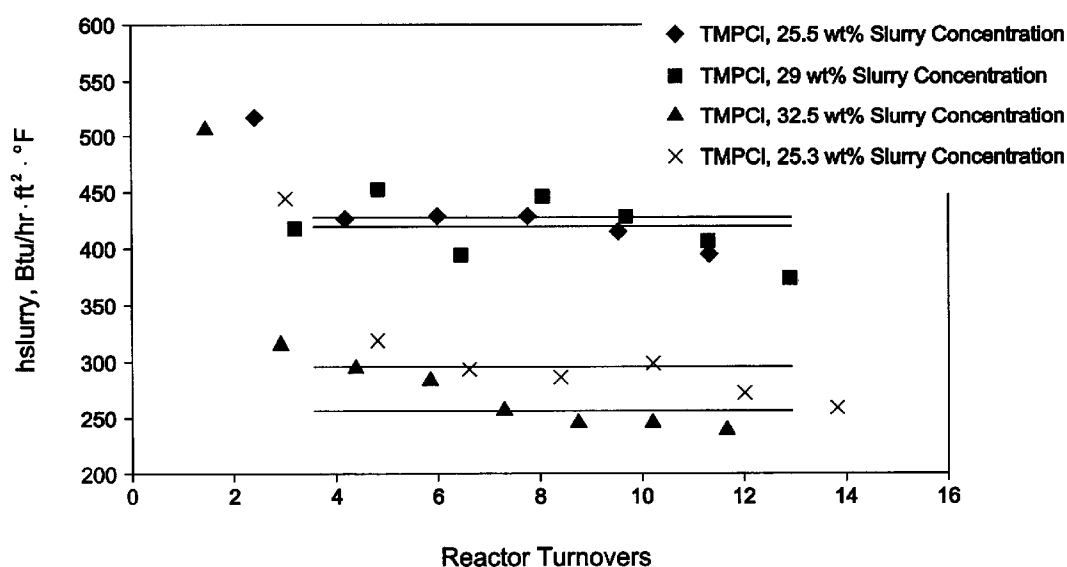
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(54) Title: PROCESS FOR POLYMERIZING CATIONICALLY POLYMERIZABLE MONOMERS

Fig. 1 Slurry Side Heat Transfer Coefficient



(57) Abstract: The invention relates to a new catalyst system that improves the heat transfer capability of a butyl reactor slurry process system in the production of isobutylene-based polymers in continuous slurry polymerization processes. The process is carried out in an anhydrous polymerization system containing a mixture of the monomers in a polar diluent along with a Lewis acid and a CS or greater initiator having a tertiary halide.



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