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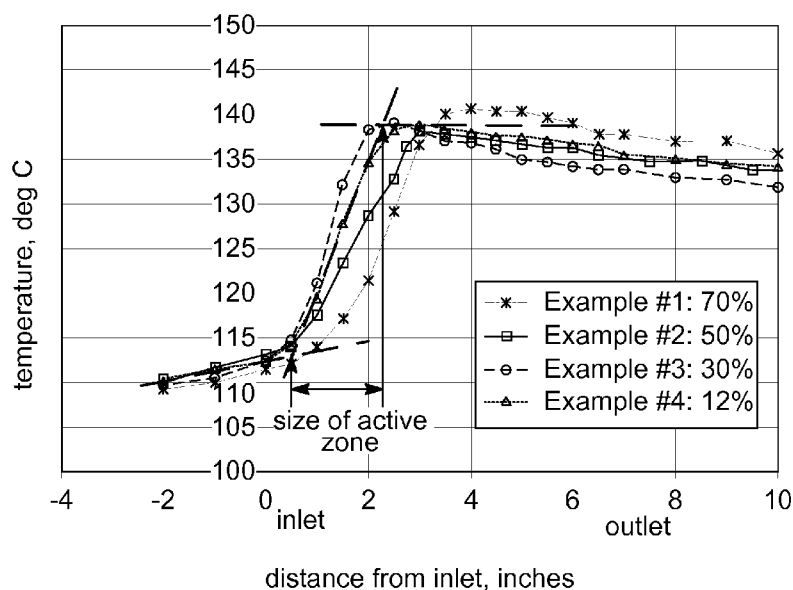
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(54) Title: HIGHLY SELECTIVE ALKYLATION PROCESS WITH LOW ZEOLITE CATALYST COMPOSITION



(57) Abstract: A method for alkylation of a feedstock is described. The method includes contacting the feedstock comprising at least one alkylatable aromatic compound and an alkylating agent with a first alkylating catalyst composition under alkylating conditions, the first alkylating catalyst composition comprising UZM-8 zeolite and a binder, the first alkylating catalyst composition having less than 50 wt% UZM-8 zeolite; wherein a total alkylated selectivity at a temperature and a molar ratio of alkylatable aromatic compound to alkylating agent is greater than 99.0%.