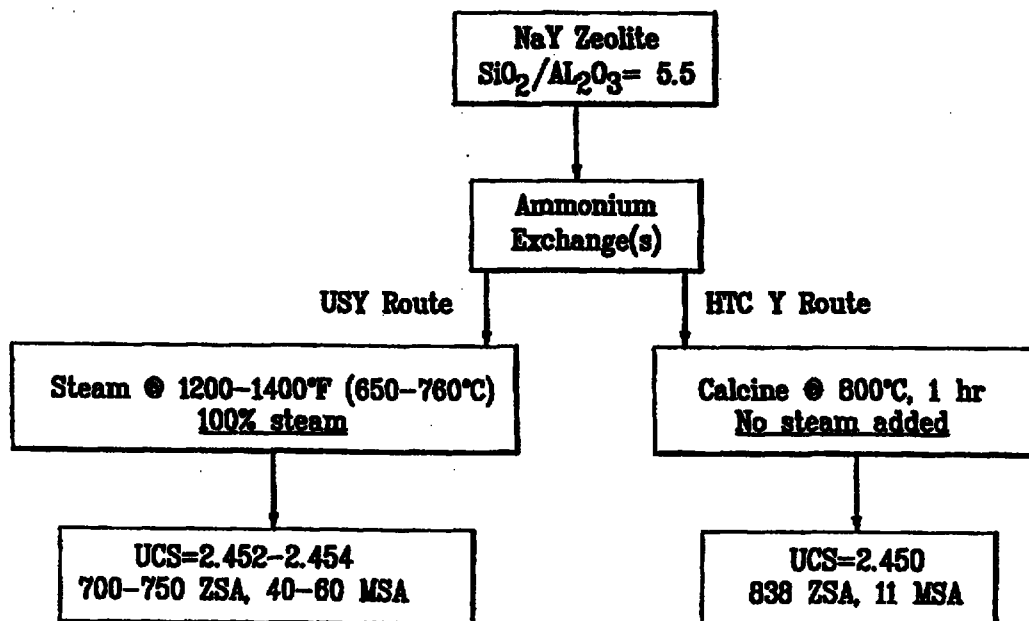




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(54) Title: FAUJASITE ZEOLITIC MATERIALS**HTC Y and USY Preparation Schemes****(57) Abstract**

Novel crystalline zeolitic materials of the faujasite structure having an increased ratio of zeolitic surface area to mesoporous surface area and distinctive X-Ray Diffraction peak ratios are produced by calcining zeolite Y of low sodium content at temperatures above 600 °C. The zeolites are useful catalysts for effecting hydrocarbon conversions including cracking and hydrocracking.