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旗舰型离子色谱

FEI COMPANY™
TOOLS FOR NANOTECH

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摘要：采用气相色谱-质谱联用技术对催化裂解制低碳烯烃过程中的裂解原料及液相产物进行定性定量分析，比较原料与液相产物在化学组成及相对含量上的差异；采用两种不同工艺裂解正十二烷，对其液相产物进行GC/MS分析，分析结果表明催化裂解过程比热裂解过程更有利于正十二烷烃的裂解，而热裂解过程比催化裂解过程更易发生 α 断裂。分析数据为评价催化剂性能，研究裂解机理，改进工艺条件提供参考。

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Analysis of liquid products and material in catalytic pyrolysis by GC/MS

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Abstract: The feed naphtha and its liquid products were analyzed by GC/MS. The difference between naphtha and liquid products in component and content were compared; The liquid products of in a catalytic pyrolysis and pyrolysis were determined by GC/MS. Based on the analysis data, the catalyst performance and cracking mechanism were evaluated.

Key words:

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