

PROCESS FOR ISOMERIZING NON-EQUILIBRIUM
XYLENE-CONTAINING FEED STREAMS

ABSTRACT

- 5 Reduced co-production of toluene and C₉ and higher aromatics such as trimethylbenzene, methylethylbenzene, and diethylbenzene is achieved in processes for the isomerization of xylenes to close to equilibrium using a layered catalyst having a thin outer layer of molecular sieve and hydrogenation metal component on a core, wherein at least 75 mass-% of the hydrogenation metal component is in the outer layer.



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