Abstract. Ziegler’s Indecomposability Criterion is used to prove that a totally transcendental, i.e., $\Sigma$-pure injective, indecomposable left module over a left noetherian ring is a directed union of finitely generated indecomposable modules. The same criterion is also used to give a sufficient condition for a pure injective indecomposable module $R U$ to have an indecomposable local dual $U^\#_R$. 

Ziegler’s Indecomposability Criterion
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