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# Transition Metal Complexes On Insoluble Support And Their Applications In Transformations Of Organic Reactions

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**Abstract :** In this review we present some important recent work on the catalytic action of some supported transition metal complexes. Different types of synthesized heterogeneous transition metal catalysts including anchoring transition metal complexes on polymer or silica and zeolite encapsulated complexes are discussed. An overview of their physicochemical characterization techniques are reported. The review is focused and devoted to the catalytic applications of these host-guest materials towards the transformations of some organic reactions e.g. oxidation, epoxidation, hydrolysis, ring-opening,.....etc.

**Key word:** Supported transition metal complex catalysts; organic reactions.

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