

ABSTRACT

CATALYST COMPOSITIONS AND CATALYTIC PROCESSES

Catalytic compositions and catalytic processes are provided. The catalytic compositions are produced by the process that comprises contacting an organonickel compound with a cyclicazacarbyl compound. Optionally, one or more catalytic promoters can be present in the catalytic compositions. Additionally, one or more olefins can be contacted with one or more of these catalytic compositions to form oligomerization products and/or polymerization products.