

ABSTRACTPOLYMERIC CARBONYLATION CATALYST SYSTEM

A carbonylation catalyst useful for the carbonylation of methanol to acetic acid, acetic anhydride or both comprises a polymer support containing pendant pyrrolidone groups which support a rhodium species. Other polymeric supports capable of withstanding carbonylation temperatures of at least 150°C are disclosed for the carbonylation reaction in which rhodium levels in the reaction medium of greater than 500 ppm are contemplated.

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