

Recyclable Initiator Systems for Cationic Polymerization

One of the main problems with cationic polymerization is the majority of coinitiators useful for polymerization cannot be readily isolated from the reaction mixture unchanged and are not recyclable. Innovative Science Corp. has catalogued a number of potential initiators systems that are designed to lend themselves to recycling. These systems are devised to polymerize a broad range of monomers including isobutene and styrene.

Cost = \$10,000 Stage 1

Likelihood of Success = 65 %

Earning Potential = Moderate to high.

Return on Investment = Open to negotiation.