Catalytic Static Mixer Ru/Al₂O₃ - Ruthenium on Alumina

DESCRIPTION

Ruthenium on alumina Catalytic Static Mixer 316L in a flat configuration to suit Ehrfeld Miprowa reactor channels of 300mm x 12mm x 1.5mm.

This CSM is a general hydrogenation/dehydrogenation catalyst that exhibits high activity with low selectivity. This CSM is not stable in alkali media.

DETAILS

Core: 3D printed 316L stainless steel Catalyst: Ru/Al₂O₃ Mixer Shape: Flat Dimensions: To fit reactor reactor channels of 300mm x 12mm x 1.5mm (actual CSM 11.8mm x 149mm x 1.4mm)

Catalytic static mixers are a novel immobilized catalyst system, based on 3D printed mixer scaffolds containing a catalytic active layer. A variety of different active catalysts can be deposited on the metal mixer, allowing employment in many different classes of chemical reactions, such as hydrogenations, oxidations, C-C couplings and many more. Ru/Al₂O₃ mass is ~350mg/Mixer. Mixer volume 695mm³.



APPLICATIONS







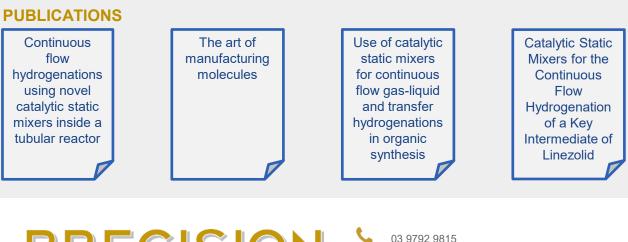


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