## **Catalytic Static Mixer** Ni - Nickel

## DESCRIPTION

Nickel Catalytic Static Mixer (CSM) 316L to fit reactor tube ID of 6mm dia x 150mm long. Multiple CSM's can be inserted into longer reactor tubes.

This CSM is a general

hydrogenation/dehydrogenation catalyst that exhibits moderate activity with high selectivity. Can be used across a wide pH range.

## DETAILS

Core: 3D printed 316L stainless steel Catalyst: Ni Mixer Shape: Cylindrical Dimensions: 5.7mm diameter x 150mm length

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. Active Ni mass is ~300mg/Mixer. Mixer volume 957mm<sup>3</sup>.

CATALYSTS



## **APPLICATIONS**





**HYDROGENATIONS** 

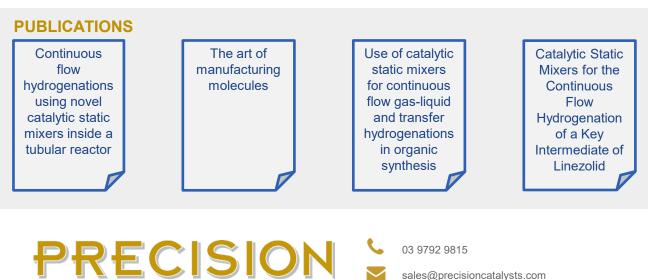


**CARBONYL REDUCTION** 









sales@precisioncatalysts.com

11 Advantage Drive, Dandenong South, Vic, 3175