

## Product information

# EVONIK CATALYSTS FOR FLOW CHEMISTRY

Accelerating Your Chemistry®

Evonik has been experiencing an increased interest in continuous processing (also called Flow Chemistry) in pharmaceutical and fine chemical applications, where the traditional mode of operation is batch processing. Compared to batch technology, continuous-flow processing offers advantages in terms of safety, reaction control and quality for chemical manufacture. However, performing heterogeneous catalysis in continuous-flow reactor is not straightforward and therefore needs catalyst expertise to overcome some technical hurdles.

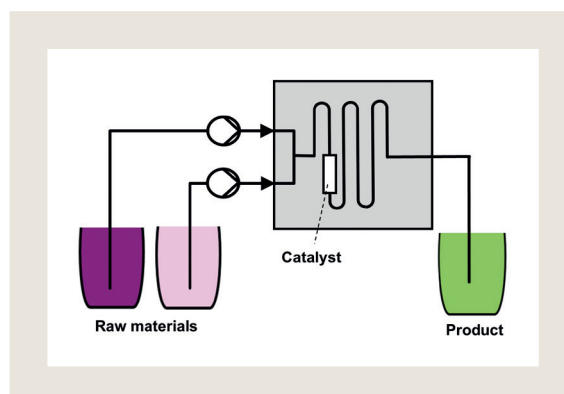
At Evonik we have the ability to fine-tune selectivity, activity and filterability with unparalleled precision. Regardless of the application, Evonik is the right partner to develop catalysts for reactions in flow equipment. By enhancing both the efficiency and yields of your chemical processes, our catalysts can help to produce a larger quantity of the desired product in a shorter period, reducing energy and resource consumption.

### Physical Properties

Metal types	Pd, Pt, Ru, Rh
Particle size (carbon)	200 - 800 $\mu\text{m}$
Quantity	From lab scale to commercial

### How you benefit from working with Evonik

- You can concentrate on your core business
- Evonik provides skilled experts for developing catalysts for flow chemistry processes
- Access to sophisticated catalyst manufacturing equipment
- Evonik offers greater flexibility in the use of catalyst types and quantities



To identify the best catalyst for your flow application please contact your regional sales manager at [www.evonik.com/catalysts](http://www.evonik.com/catalysts)



Evonik Industries has been a leader in chemical catalysts for more than 75 years. Now as before, customers all over the world rely on Evonik as a competent and trusted partner. Today Evonik is a fully integrated partner in catalysis, featuring homogeneous and heterogeneous catalysis. This makes Evonik unique, and gives our customers the flexibility of finding the most cost efficient solution for their needs. Working with Evonik means having direct access to our regional technical and commercial organization. With a passion for the catalyst business our experienced teams strive for quick response times and high quality tailored solutions to your catalyst topic.

#### Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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