

## A GAME CHANGER IN FIXED-BED APPLICATIONS

*At Evonik, we constantly seek to make a difference. Our innovative nickel foams, for example, are a game changer in fixed-bed applications:*

*They perform better, are more efficient and sustainable.*

### EVONIK OPERATIONS GMBH

Business Line Catalysts  
catalysts@evonik.com  
www.evonik.com/catalysts

#### Europe

Evonik Operations GmbH  
Business Line Catalysts  
Rodenbacher Chaussee 4  
63457 Hanau-Wolfgang  
Germany  
Phone +49 6181 59-13399

#### North America

Evonik Corporation  
Business Line Catalysts  
1700 City Place Dr, Suite  
510 Spring, TX 77389  
USA  
Phone +1 800 422-8773

#### South America

Evonik Brazil Ltda.  
Business Line Catalysts  
Rua Arquiteto Olavo Redigde  
Campos 105  
Torre A – 13o e 14o andar  
04711-904 - Sao Paulo - SP  
Brazil  
Phone +55 19 3475 3065

#### Japan

Evonik Japan Co., Ltd.  
Business Line Catalysts  
Shinjuku Monolith 12th Floor,  
2-3-1, Nishi-Shinjuku,  
Shinjuku-ku  
163-0938 Tokyo  
Japan  
Phone +81 3 5323-7360

#### China

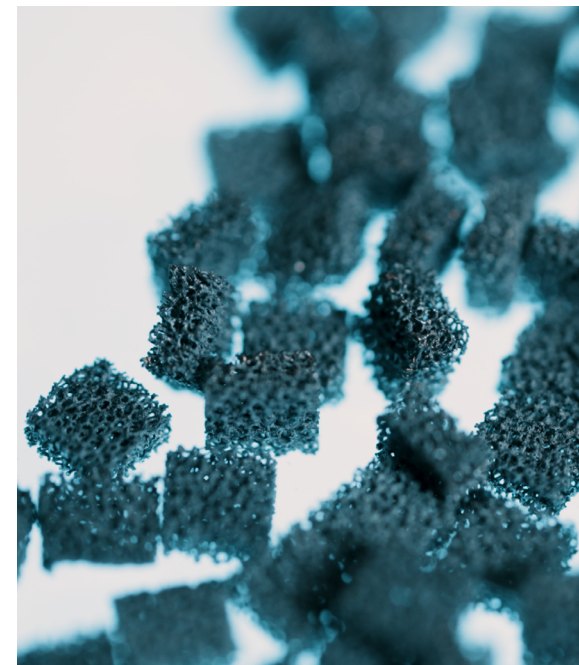
Evonik Specialty  
Chemicals (Shanghai) Co., Ltd.  
Business Line Catalysts  
55 Chungdong Road,  
Xinzhuang Industry Park  
201108 Shanghai  
China

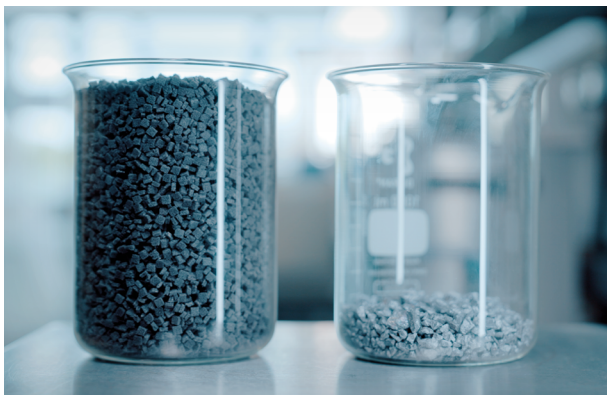
#### India

Evonik Catalysts India Pvt Ltd.  
F - 1/2, MIDC Phase 1  
Dombivli (East) – 421213  
District Thane  
India  
Phone +91 251 2471716

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## Evonik Catalysts NICKEL FOAM





Our nickel foams are **lightweight** with a very large reactive surface – thus, **lower quantities** of catalyst are needed to maintain the **same product output**.  
**Or achieve a much higher throughput** with your established reactor at maintained catalyst bed volume.

Thanks to the large pores, liquids and gases flow right through the two-millimeter-thick nickel foam. The **catalyst bed hardly rises and falls**, resulting in **less abrasion, longer catalyst life, and reduced maintenance costs**.

While our standard 4 × 4-millimeter platelets are suitable for many applications, we can **tailor shapes and pore sizes** to your needs.

Our **pre-activated foam catalysts** are delivered in water-filled drums. You can **pour them directly from the drum** into your reactor without hazardous dust or elaborate protective measures.

This makes your catalyst exchange much **faster and safer**. What's more, the foam can be fully recovered and is thus **sustainable**.



**Discover  
our catalysts.  
Get in touch.**

LET'S  
MAKE A  
DIFFERENCE

Christoph Kins  
 Director Product Group AMC  
 C +49 6181 59 8748  
[christoph.kins@evonik.com](mailto:christoph.kins@evonik.com)

*Foam catalysts are manufactured under a license from Alantum Europe GmbH.*

## WHAT'S IN IT FOR YOU?

- Same product output with **lower quantities of catalyst**
- Extremely **low pressure drop and less abrasion**
- **Longer catalyst life and reduced maintenance costs** in downstream equipment
- Pre-activated and **ready to use**
- **No hazardous dust** and no need for elaborate protective measures
- Fully recoverable and thus **sustainable**
- **Customizable** shapes and pore sizes