

PURE PRODUCTS

At Evonik, we constantly seek to make a difference. Our purification adsorbents help clean your process feeds, for improved downstream process performance, including longer catalyst bed cycles.

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

Evonik Catalysts ADSORBENT SOLUTIONS



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Safe and reliable plant operations and on-specification products do not come easily. **Process feed contaminants**, for example, may cause off-specification products, reduced catalyst yield or increased catalyst consumption, all of which **negatively impact profitability and sustainability**.

Adsorbents are **key** when the process feeds need to be **purified**. There is **no one-size-fits-all purification solution** for all contaminants. **A complete portfolio of purification adsorbents** enables us to tackle your individual challenge with an optimized adsorbent solution.

Even 99.5 percent pure, polymer-grade propylene, for example, **requires further purification** prior to any polymerization or chemical process. Evonik's hybrid adsorbent **Dynocel® 680** efficiently removes both polar compounds and acid-gas compounds from olefin streams to **non-detectable** levels, prevents formation of by-products, and does not require a preload step.

Dynocel® 680 ensures a safer, more reliable operation, eliminating the risk of adsorbent failure and ensuring **product quality** and **process efficiency**.

With our purification solutions, we help make **better products** and provide **safer, more sustainable** and **more profitable** process operations.



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

Todd Burkes
Sr. Product Manager
Purification Adsorbents
C +1 (346) 413-9548
todd.burkes@evonik.com

LET'S
MAKE A
DIFFERENCE

WHAT'S IN IT FOR YOU?

- A complete portfolio of adsorbents for **each purification challenge**
- Removal of contaminants to **non-detectable levels**
- On-specification products, which ultimately enable the production of **better products**
- High-performance adsorbents such as **Dynocel® 680** hybrid adsorbent
- Adsorbents which **don't require a preload step and prevent the formation of by-products**
- **More sustainable** and **more profitable** process operations