

Catalyst Custom Manufacturing and Tolling Capabilities

Accelerating your Chemistry®

Special
Zeolites

Precipitation

Impregnation

Forming

Calcination &
Reduction

New forming capabilities and capacities for catalyst custom manufacturing and tolling

Forming/shaping of high performance fixed bed catalysts can be an essential step in the manufacturing process. Evonik provides various forming technologies including granulation, extrusion and tableting. Evonik Catalysts has significantly increased the forming capacity with state of the art production facility together with a modern scale up facility in Marl, Germany.

Extrusion:

Tailored diameter, typically 1 to 8 mm
Defined length
Continuous drying and calcination equipment

Tableting:

Tailored diameter, typically 3 to 7 mm

Granulation:

Customized size of spheres
Controlled particle size distribution
Continuous drying and calcination equipment

With wide-ranging operating permits, many different materials can be handled. The production unit encompasses control of incoming materials for specification compliance, solid and liquid blending stations, specifically designed extrusion lines, continuous drying and rotary kiln calcination for temperatures up to 950 °C. For any catalyst or support leaving our plants, tailored quality control services, that are agreed upon with our customers, are provided. All of our productions are ISO 9001 and 14001 certified.



How you benefit from custom catalyst projects

- allows you to concentrate on your core business
- provides you with a skilled partner for developing and scaling up of catalysts
- access to sophisticated catalyst manufacturing equipment
- offers greater flexibility in the use of catalyst types and quantities
- de-bottleneck your own catalyst production

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.

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