

Application Green Hydrogen

Technical information

Green hydrogen refers to hydrogen generated by electrolysis with electrical energy generated by regenerative sources (wind, solar, water).

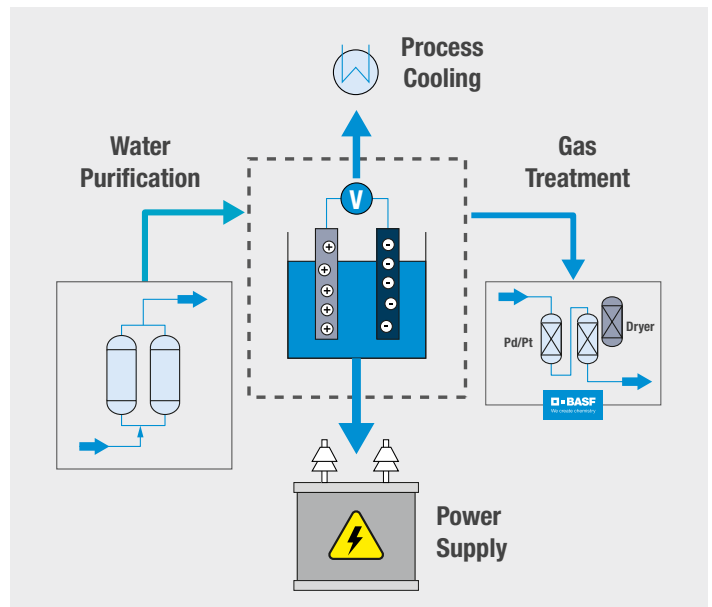
Depending on the application, any oxygen still present in the hydrogen needs to be removed and the hydrogen needs to be dried.

BASF offers

- Pd or Pt based catalysts for removal of O₂
- Sorbead® Air for the drying of the stream

Pd and Pt based catalysts are offered with 0.3 and 0.5 % (by weight) noble metal. Carriers of these catalysts are tablets with 3x3 mm or spheres with 2 – 4 mm diameter. Sorbead® Air is offered in the form of spheres and is also available in water resistant form.

All materials are in use for these applications since many years and all materials show a long lifetime. Sorbead® Air excels in drying by its low energy consumption (up to 25 % less than other materials).



3 reasons to buy our product / benefits



Market leading adsorbent solutions



Optimal and reliable removal efficiency



Lowest energy consumption for drying



We create chemistry

Americas

BASF Corporation

Phone: +1-732-205-5000

Email: catalysts-americas@basf.com



Asia Pacific

BASF (China) Company Limited

Phone: +86-21-2039-1311

Email: catalysts-asia@basf.com



Europe, Middle East, Africa

BASF Services Europe GmbH

Phone: +49-30-2005-5000

Email: catalysts-europe@basf.com

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BASF – We create chemistry

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