

5% Pd/CP W (coupling)

SP-103

Building on our core competencies in materials science and surface chemistry, BASF developed a range of Precious Metal powder catalysts which offer excellent performance and highly efficient use of the precious metal.

BASF SP-103 is a 5% palladium on carbon powder catalyst. The activated carbon powder selected as support for this catalyst has undergone several treatments for optimized catalyst performance. The palladium metal has been deposited to enable exceptionally good metal availability. BASF catalyst SP-103 has been specifically developed for the use as heterogeneous catalyst in carbon-carbon bond forming reactions like for example Heck or Suzuki coupling reactions. The BASF SP-103 catalyst shows high activity in carbon-carbon bond forming reactions. At the same time, it only leads to very low levels of palladium in solution thus allowing product isolation with low palladium levels. It is supplied in water-wet form containing approximately 50wt% of water while keeping free-flowing powder characteristics.

Typical Properties

Active metal	Palladium
Metal content	5% on dry basis
Type	Unreduced, water-wet
Support	Activated carbon powder
Mean particle size	27 microns

Packaging

- Standard package size: 25 grams.
- Larger packing sizes available on request.

About Us

BASF's Catalysts division is the world's leading supplier of environmental and process catalysts. The group offers exceptional expertise in the development of technologies that protect the air we breathe, produce the fuels that power our world and ensure efficient production of a wide variety of chemicals, plastics and other products, including advanced battery materials. By leveraging our industry-leading R&D platforms, passion for innovation and deep knowledge of precious and base metals, BASF's Catalysts division develops unique, proprietary solutions that drive customer success.

BASF - We create chemistry

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