



The Chemical Company

Product Data Sheet

Converter[®]

Fluid Catalytic Cracking (FCC) additive for activity enhancement

BASF Catalysts proudly introduces Converter, the first commercially available FCC conversion enhancement additive.

Premium Technology

Based on our novel and commercially proven Distributed Matrix Structures (DMS) technology platform, Converter delivers activity enhancement with the added benefit of coke selective bottoms upgrading.

Maximum Results by Design

The DMS matrix provides Converter with a tailored porosity to allow the diffusion of heavy hydrocarbons into the particle resulting in selective cracking. Pre-cracking is achieved with the selective external zeolite surface rather than an amorphous non-selective matrix resulting in high gasoline yield, low coke and low dry gas make. The combination of these matrix and zeolite technologies allows for a highly active additive with low coke selectivity.

Applications

Converter is a cost-effective way to quickly capture economic opportunities through the use of an additive. Performance benefits are enjoyed at low inventory levels typical of additives, while avoiding dilution effects common with other additives not designed to increase conversion.

Converter can be used to optimize current operations by providing both activity and selectivity benefits.

- Improved overall profitability and/or operating flexibility without reformulating the FCC catalyst
- Increased activity without increasing delta coke
- Optimal pore size distribution to offset changes in feed quality

Packaging

- 1 ton supersacks
- Bulk (greater than 15 tons)

Typical Properties

Surface Area

TSA m ² /g	400
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Density

ABD, g/cm ³	0.73
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Particle Size*

APS, μm	75
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0-40, %	12
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*Particle size distribution is customized to optimize performance depending on individual FCC unit requirements.

About BASF

BASF Catalysts is the Global Leader in Catalysis, and is part of BASF - The Chemical Company. By leveraging our industry-leading R&D platforms, BASF's global research infrastructure and our passionate pursuit of innovation, we develop unique, proprietary technologies that drive customer success. Our catalytic solutions cover a wide range from chemical and refinery processes, to adsorbents and mobile emissions. In addition, we offer broad experience in trading base and precious metals.

BASF - The Chemical Company

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