

EZ Flow™

Fluid Catalytic Cracking (FCC) additive for improving catalyst circulation

BASF's EZ Flow works to improve fluidization characteristics of the FCC catalyst providing improved catalyst circulation

Premium Technology

BASF designed EZ Flow to improve the fluidization index of the catalyst inventory. EZ Flow enables effective fluidization in a circulation-limited unit through Average Particle Size (APS) distribution and altered concentration of small particles. EZ Flow has a low APS with an optimized proportion of 0-20 micron and 0-40 micron fractions.

Applications

Fluidization behavior determines how a catalyst circulates in an FCC unit. Poorly-circulating catalyst leads to a difficult operation and may run at a lower catalyst-to-oil ratio than desired which has an adverse effect on product yields and selectivities.

BASF's EZ Flow additive is designed to increase the fluidization index of all FCC catalyst technologies.

EZ Flow's fluidization advantages include increased catalyst circulation rate, improved pressure buildup in the standpipe, and a more uniform density. EZ Flow can be charged to the unit prior to start-up or can be introduced during operation.

Packaging

- 1 ton super sacks
- Bulk (greater than 15 tons)

Typical Properties

Density

ABD, g cm ⁻³	0.8
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Particle size*

APS, μm	47
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0-20, %	10
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0-40, %	38
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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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