

# **ADDOSIL ACTIVE™**

## **ACTIVATED SILICA**

A product range of

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**GLOBAL SPECIALITY CHEMICALS**  
**COMPANY**

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## **Technical Data Sheet**



العالمية  
للكيمائيات  
المتخصصة

**GLOBAL**  
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CHEMICALS

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## TECHNICAL DATA SHEET

- **ADDOSIL ACTIVE** is a specially developed product with high % of silica (SiO<sub>2</sub>), high surface area and a very controlled particle size, ideal for defluorination of Phosphoric Acid.

### KEY BENEFITS:

**ADDOSIL ACTIVE** gives the following benefits in Phosphoric Acid defluorination

- It removes the volatilized fluorine compounds by scrubbing with fluosilicic acid (H<sub>2</sub>SiF<sub>6</sub>).
- It increases the efficiency of the defluorination reaction.
- The defluorination reaction using our **ADDOSIL ACTIVE** takes considerably less time than required for other normal silica .
- It acts as a catalyst in defluorination reaction

### TYPICAL PROPERTIES

Properties	Technical Index
Color	Off White
Dry Sieve Analysis	
+ 100 Mesh	< 2 %
+ 200 Mesh	< 7 %
+ 350 Mesh	> 88 %
- 350 Mesh	< 3 %
pH (10% Aq. Slurry)	8.7±0.5
Moisture	10 % Max.
SiO <sub>2</sub>	>85 %
Aluminum as Al	< 4.5 %
Fe <sub>2</sub> O <sub>3</sub>	< 0.85 %
LOI at 1000°C	< 6 %
Reactive Silica Component	95% Max
Bulk Density	500±50

This information is offered in good faith as a guide to expected values, and is, based on our current knowledge and experience, believed to be accurate and reliable as of the date of printing. The values given are not to be considered as a warranty and the users are recommended to make their own tests to determine the suitability of products to their particular purpose. The values given are subject to change without prior notice