

## Data Sheet

### Alunox™ 70-50swa

50 wt%  $\alpha$ -Al<sub>2</sub>O<sub>3</sub>, suspension in aqueous acid

Technical Data – Alunox™ 70-50swa			
Properties $\alpha$ -Al <sub>2</sub> O <sub>3</sub> powder			Testing method
Specific surface area	[m <sup>2</sup> /g]	15 ± 5	BET
Particle shape		spherical	SEM
Average particle size, d <sub>50</sub>	[nm]	70 ± 5	SEM
Properties suspension			
Fluid phase		aqueous acid	
Colour		white	
Agglomerate size in suspension			
d <sub>10</sub>	[nm]	15 ± 3	
d <sub>50</sub>	[nm]	70 ± 5	
d <sub>90</sub>	[nm]	160 ± 5	

The fluid phase and the  $\alpha$ -Al<sub>2</sub>O<sub>3</sub> concentration of the Alunox™ 70 suspension can be optimized for particular customer needs.