

Data Sheet

Alunox™ 70-50swb

50 wt% α -Al₂O₃, suspension in aqueous basic

Technical Data – Alunox™ 70-50swb			
Properties α -Al ₂ O ₃ powder			Testing method
Specific surface area	[m ² /g]	15 ± 5	BET
Particle shape		spherical	SEM
Average particle size, d ₅₀	[nm]	70 ± 5	SEM
Properties suspension			
Fluid phase		aqueous basic	
Colour		white	
Agglomerate size in suspension			
d ₁₀	[nm]	20 ± 3	
d ₅₀	[nm]	70 ± 5	
d ₉₀	[nm]	190 ± 5	

The fluid phase and the α -Al₂O₃ concentration of the Alunox™ 70 suspension can be optimized for particular customer needs.