

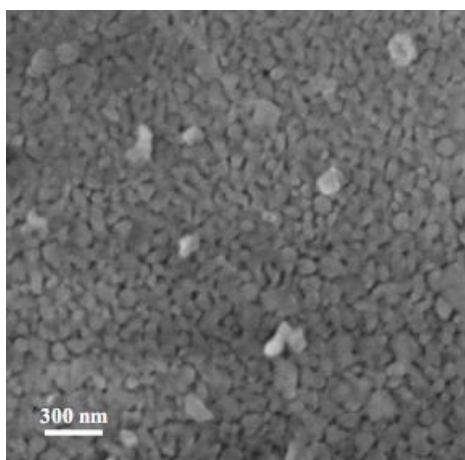
**Data Sheet**

**Alunox™ 70G**

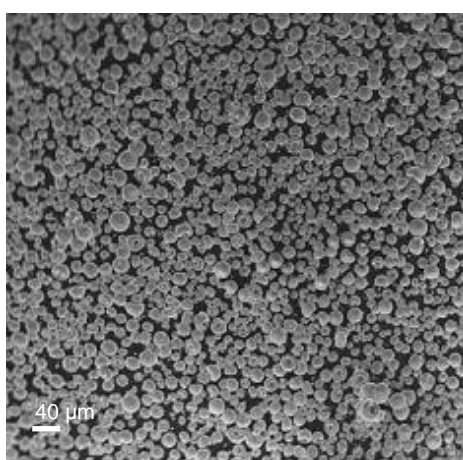
$\alpha$ -Al<sub>2</sub>O<sub>3</sub>, granulate

**Technical Data – Alunox™ 70G:**

Properties			Testing method
Specific surface area	[m <sup>2</sup> /g]	15 ± 5	BET
Particle shape		spherical	SEM
Primary particle size, d <sub>50</sub>	[nm]	70 ± 5	SEM
Granulates size			
d <sub>50</sub>	[µm]	20 ± 5	SEM
d <sub>90</sub>	[µm]	45 ± 5	SEM
Colour		white	
Chrystallographic phase		$\alpha$ -Al <sub>2</sub> O <sub>3</sub>	X-ray diffraction
Purity			
Al <sub>2</sub> O <sub>3</sub>	[wt.%]	> 99.5	EDX
MgO	[wt.%]	< 0.5	EDX



SEM of Alunox™ 70 (primary powder)



SEM of Alunox™ 70G