



## Specification – Aluminium Fluoride

Aluminium fluoride with the highest available purity, consistent quality, and optimized logistics – all to maximize operational efficiency and minimize environmental impact for primary aluminum smelters as well as for other applications in the chemical, ceramic and metal treatment industry.

Chemical analysis	Guarantee	Typical	Method	Reference method
AlF <sub>3</sub>	97,0–98,0 %	97,5 %	XRF	ISO 2362
SiO <sub>2</sub>	max 0,1 %	0,04 %	XRF	ISO 2369
P <sub>2</sub> O <sub>5</sub>	max 0,02 %	0,01 %	XRF	ISO 5930
Fe <sub>2</sub> O <sub>3</sub>	max 0,02 %	0,01 %	XRF	ISO 2368
SO <sub>3</sub>	max 0,02 %	<0,01 %	XRF	ISO 5938
LOI	max. 1 %	0,6 %	550°C, 30 min.	
<b>Bulk density</b>	By filling	740–800 kg/m <sup>3</sup>		
	By shaking	840–900 kg/m <sup>3</sup>		
<b>Sieve analysis</b>	<b>Mesh No</b>	<b>mm</b>	<b>Typical</b>	
	170	>0,090	70 %	
	230	>0,063	20 %	
	325	>0,045	6 %	
	325	<0,045	4 %	

# aluf fluor

HIGHER EFFICIENCY, LOWER IMPACT SINCE 1973

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