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## Silver nitrate crystal ( $\text{AgNO}_3$ ) - Technical Data Sheet

**Principal uses** Photographic films - Mirrors & reflective coatings - Ag based pastes for automotive and photovoltaic industry - Starting product for use in electric / electronic applications

<b>Physical data</b>	Form	crystals
	Colour	white
	Odour	odourless
	pH (20°C, 10% aqueous solution)	4-6
	Melting point	ca. 210 °C
	Density (20°C)	ca. 4.35 g/cm <sup>3</sup>
	Bulk density	2000 - 2500 kg/m <sup>3</sup>
	Water solubility (20°C)	ca. 2.16 kg/l
	Water solubility (100°C)	ca. 10.24 kg/l

**Grade & analysis**

<b>Max. content</b>		
AgNO <sub>3</sub>	≥ 99.9	%
Ca	≤ 5	ppm
Cd	≤ 1	ppm
Cu	≤ 1	ppm
Fe	≤ 1	ppm
K	≤ 5	ppm
Na	≤ 5	ppm
Pb	≤ 1	ppm
SO <sub>4</sub>	≤ 20	ppm
Turbidity (50% w/w water solution)	≤ 2.5	NTU

All positions based on product

**Format & packing**

10 kg net weight polyethylene bags, packed by 5 in a 50 kg net weight cardboard box

**Additional information**

Safety Data Sheet (SDS) available upon request  
Silver Nitrate crystals may present some agglomeration, without prejudice to any other physical or chemical properties