



PRODUCT INFO & DATASHEET

COPPER(II) SULPHATE PENTAHYDRATE 98/99%

"Snow + A.C." microcrystals with anti-caking agent, free flowing -feedgrade

PHYSICAL AND CHEMICAL PROPERTIES

Molecular formula:		$CuSo_4.5H_2O$
Molecular weight	:	249.68
Appearance	:	light blue microcrystals
Odour	:	odourless
Melting point	:	decomposes over 560°C
Bulk density	:	about 1.2 g/m^3
Anti-caking agent	:	precipitated silica (material is guaranteed "free flowing" for at least 6 months after production, if stored in a suitable /dry warehouse, and in the original packing).

SPECIFICATIONS

Specification	**Typical Value**	**Limit Value**
Purity (%)	98.5 - 100	min. 98%
Cu content (%)	25.1 - 25.45	min. 25%
Humidity (%)	< 1	max. 1.5%
pH (5% water solution)	3.2 - 3.9	
Anti-caking content (%)	about 1%	max. 2%
Main impurities:		
Fe (ppm)	25 - 60	max 150
Pb (ppm)	30 - 90	max 125
Ni (ppm)	10 - 50	max 100
Cd (ppm)	1 - 3	max 5
Zn (ppm)	15 -25	max 50

GRANULOMETRY

Crystals size (µm)	> 1000	1000 - 750	750 - 500	500 - 300	300 - 200	< 200
Weight (%)	< 0.1	0.2	0.2	3	38.5	58

Granulometry data are only indicative and may be subjected to variations without any notice.

PACKING AVAILABLE

- Polypropylene/polyethylene bags of 50, 25, 10 kgs and 50 lbs (net weight)
- Polypropylene big bags of 500, 1,000, and 1,200 kgs net (material in this type of packing is guaranteed free flowing for 1 month only).

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