

TECHNICAL DATA SHEET

FERROUS (II) SULPHATE MONOHYDRATE, NEUTRALIZED (FOR INDUSTRIAL APPLICATIONS) FESPOL® 14

Chemical formula: $\text{FeSO}_4 \times \text{H}_2\text{O}$
 No. CAS: 7720-78-7
 No. EINECS: 231-753-5

Guarantee parameters:

No.	Determined parameters	Unit	Requirements
1	Form	Crystalline powder, light cream colour*	
2	Content of ferrous ions, Fe^{2+} (active substance)	% m/m	min. 13,5
3	Content of $\text{FeSO}_4 \cdot \text{H}_2\text{O}$	% m/m	min. 41
4	pH of 10% solution	-	max. 3,0
5	Residue on sieve of 0,125 mm	% m/m	max. 15,0
6	Content of moisture at 105°C	% m/m	max. 4,0

* The product may contain agglomerates easily crumbling under the pressure

Mentioned above parameters are confirmed on the certificate of the analysis by every delivery.

Declared parameters#:

No.	Determined parameters	Unit	Requirements
1	Bulk density	kg/dm ³	0,9 ± 0,1
2	Tamped density	kg/dm ³	1,1 ± 0,1
3	Content of magnesium compounds as $\text{MgSO}_4 \cdot \text{H}_2\text{O}$	% m/m	max. 13,0
4	Content of calcium compounds as $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$	% m/m	max. 30,0
5	Content of titanium compounds as TiO_2	% m/m	max. 7
6	Content of free acids as H_2SO_4	% m/m	max. 0,5

#Declaration about concern of declared parameters and contents of have metals will be given on client's request.

Packing: Big-bags 500 kg, 1000 kg or being transported in bulk.

Transport demands: RID/ADR class - not applicable.

The material should be transported in covered means of transport according to transport regulations.

Storage: Stored in dry and roofed places, on the tightly closed package. Protected against humid conditions. Keep product away from heat sources.

Term of use: Long-term storage leads to the oxidation product. Term storage adapt to application requirements.

Safety: Detailed information is enclosed in Material Safety Data Sheet

Given information in enclosed specification is based on a basis of our best knowledge about the product and does not replace carried quality analyses in delivery processes.