

	Technical Data Sheet	
	Iron Sulphate grade A	01.11.2017
Manufacturer	Public Joint-Stock Company SUMYKHIMPROM	
Address	40003 Kharkovskaya str., p/o 12, Sumy, Ukraine	
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Product information:

Application sphere	Is used as coagulant for water and sewage treatment, as dechromatizer in cement industry to decrease water soluble Cr (VI) content.
Appearance	Free flowing crystals, coloured from grey-green to grey-brown
Molecular formula	$\text{FeSO}_4 \cdot n \text{H}_2\text{O}$
Trade name	Iron Sulphate grade A
Registration numbers	CAS No. 7720-78-7 EINECS No. 231-753-5 Registration number under Regulation (EC) No.1907/2006 (REACH): 01-2119513203-57-0018
Guaranteed shelf life	12 months from the date of manufacture
Kind of packaging	PP containers – big bags (net weight - 1000 kg max.)
Durability period	Unlimited
Storage and handling conditions	Store in original manufacturer's containers in covered dry warehouses. Apply individual respiratory protecting equipment.
Transport information	The product is transportable by all kinds of vehicles in accordance with carriage regulations, valid for the given kind of shipment. The cargo is not classified as dangerous under international carriage regulations. "Keep Dry" sign is mandatory.

Physico-chemical indices:

Indices and measuring units denomination	Norm
Total Iron in terms of Fe ₂ O ₃ , % by wt., min.	35
Fe ²⁺ , % by wt., min.	25
Sulphates in terms of SO ₄ ²⁻ , % by wt., min.	42
Sulphates in terms of SO ₃ ²⁻ , % by wt., min.	36
Hygroscopic moisture, % by wt., max.	5
Loss on drying at 105 °C, % by wt., max.	Not rated
Cadmium, mg/kg, max.	Not rated
Lead, mg/kg, max.	Not rated
Arsenic, mg/kg, max.	Not rated