

## Solvay Sulfuric Acid Electrolyte Grade

Category : Fluid , Other Engineering Material , Additive/Filler for Polymer

### Material Notes:

Description: Sulfuric Acid electrolyte grade is colorless, clear and non-fuming with no visible sediment. It is very corrosive. The 93.2% strength solution complies with the Federal Specification O-S-801F Class 1. Formula: H<sub>2</sub>SO<sub>4</sub> (In aqueous solution) Nomenclature: Sulfuric Acid, Oil of Vitriol CAS: 7664-93-9 CAS Index: Sulfuric Acid Available in: North America Uses: Industrial: Storage batteries and other high quality applications Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-Sulfuric-Acid-Electrolyte-Grade.php](http://www.lookpolymers.com/polymer_Solvay-Sulfuric-Acid-Electrolyte-Grade.php)

Physical Properties	Metric	English	Comments
Density	>= 1.835 g/cc	>= 0.06629 lb/in <sup>3</sup>	

Thermal Properties	Metric	English	Comments
Melting Point	-30.0 Â°C	-22.0 Â°F	Freezing Point

Chemical Properties	Metric	English	Comments
Ionic Impurities - Cl (Chloride)	<= 10 ppm	<= 10 ppm	
Ionic Impurities - Fe (Iron)	<= 50 ppm	<= 50 ppm	

Descriptive Properties	Value	Comments
Assay	<93.2%	
Color	30	APHA
	30	Hazen
Composition	Ammonium	<10 ppm
	Antimony	<1 ppm
	Arsenic	<1 ppm
	Copper	<50 ppm
	Fixed Residue	<0.03%
	Manganese	<0.2 ppm
	Nickel	<1 ppm
	Nitrate	<5 ppm

Descriptive Properties	Selenium Value	<20 ppm Comments
	Sulfurous Acid	<40 ppm
	Zinc	<40 ppm

## Contact Songhan Plastic Technology Co.,Ltd.

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