

## Product Description-TDS

**Product Name:**4-Methylbenzenesulfonhydrazide

### Product Information

CAS No:1576-35-8

Molecular Formula:C7H10N2O2S

Molecular Weight : 186.23

Molecular Structure:



**Other Items :**



Items	Requirements
Appearance	White powder
Assay	≥99.0%
Melting point	≥105°C
Moisture	≤0.5%
Ash	≤0.1%
Gas evolution	120~130 ml/g
Decomposition temperature	143~151°C
PH	5.0~7.0

### Package:

25kg/carton

### Application:

1. Used as a foaming agent for natural rubber, synthetic rubber, and many kinds of plastics, it can make plastic and rubber products produce fine closed pore structure, small shrinkage of products, and high tear strength.
2. This product is a low-temperature foaming agent, suitable for natural rubber, synthetic rubber, and polyvinyl chloride, and other plastics and rubber. The generated gas and decomposition residue is non-toxic, odorless, and non-polluting. The pore structure of the product is uniform and fine, the shrinkage rate is small, and the fracture strength is large, especially suitable for the manufacture of closed-cell foam and sponge glue. The decomposition temperature of this product is low, and it is suitable to be mixed below 70°C. This product cannot be used with dinitrosopentamethylenetetramine (foaming agent H), and it should not be used with lead salt to avoid coking and

pollution of the rubber. When using this product, can be used without foaming additives.

3. It is a very wide adaptable foaming agent, known as the universal foaming agent. Low decomposition temperature, can be mixed below 70°C, suitable for various plastics, natural and synthetic rubber. The gas and decomposition residues are non-toxic, odorless, and non-polluting, with fine and uniform pore structure, small shrinkage, and high tear strength, especially suitable for the manufacture of closed-cell foam and sponge rubber. It can be used in polyvinyl chloride to produce white foam (the mold needs to be chrome-plated). Can not be used with foaming agent H and lead salt, generally do not use foaming additives.

**Storage:**

Store in tightly closed containers, cool and dry. Protect from heat, oxygen and light.

