

Technical Data Sheet**Insoluble Sulfur OT20 (Polymeric sulfur)**

08/06/2016

CAS No.:**Polymeric sulfur: 9035-99-8****Description:**

Insoluble Sulfur is insoluble in carbon disulfide, scientific name called Polymeric Sulfur, IS for short. It covering oiled filled and non-oiled filled products as it containing different amount of oil-filled ingredients. As the development of radial tire industry, our company developed insoluble sulfur products with high thermal stability and high dispersibility. Insoluble Sulfur is a new kind of rubber vulcanization agent, it is not only overcome some shortcomings of ordinary sulfur, but also help to further improve the quality of rubber products.

Product Features:

Insoluble sulfur OT20 is a non-blooming rubber vulcanizing agent.

Technical Specification:

Item		Technical Specifications
Appearance		Non-blooming powder
Color		yellow
Total Sulfur Content	%	79.0~81.0
Insoluble Sulfur (On Total Sulfur)	% min	90
Thermal stability(105°Cx15 min)	% min	75
Thermal stability(120°Cx15 min)	% min	40
Oil content	%	19.0~21.0
Acidity (H ₂ SO ₄)	% max	0.05
Heating Loss (60°Cx4h)	% max	0.50
Ash Content	% max	0.15
Residue on 150µm sieve	% max	0.30

Application:

Natural rubber, various synthetic rubber, tires, rubber belt, rubber tube, seals and especially for radial tires.

Package:

Net weight: 25Kg/bag, packed in paper bag lined with plastic bag.

Storage:

It should be stored in a dry, clean and cool warehouse; storage temperature should be no more than 40 °C . Precautions against fire, moisture, heat and compression agglomerate. It cannot be mixed with alkaline and amine substance

Precaution:

Please refer to the appropriate material safety data sheet (MSDS) prior to using this product.

FOR INDUSTRIAL USE ONLY.

Disclaimer:

All information on this data sheet is based on laboratory testing and is not Intended for design purposes.