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## Technical Data Sheet

### Insoluble Sulfur

CAS No. : 9035-99-8

Chemical Name : Polymer sulfur

Technical Specification :

Item	Technical Specifications									
	HD OT-20	HS OT-10	HS OT-20	HS OT-33	IS-8010	IS-7520	IS-7020	IS-6033	IS-6010	IS-6005
Appearance	Yellow and non-rising powder									
Element Sulfur Content % MIN	78.5~81.5	89.0~91.0	79.0~81.0	66.0~68.0	89.0~91.0	79.0~81.0	79.0~81.0	66.0~81.0	89.0~91.0	94.0~96.0
Insoluble Sulfur Content % MIN	72	81	72	60	81	75	72	60	60	60
Oil Content % MIN	18.5~21.0	9.0~11.0	19.0~21.0	32.0~34.0	9.0~11.0	19.0~21.0	19.0~21.0	32.0~34.0	9.0~11.0	4.0~6.0
Acidity(H <sub>2</sub> SO <sub>4</sub> ) % MAX	0.05									
Loss on heating(80°C±2°C) % MAX	0.50									
Ash(600°C±25°C) % MAX	0.15									
Residues on 150µm Sieve % MAX	1.00									
Thermal Stability(105°C) % MIN	75.00								_____	
Thermal Stability(120°C) % MIN	45.00				_____					

Properties : Nature nontoxic,combustible,yellow powder.As with the S-isomer,said mu-sulfur. High polymerization forms were insoluble in carbon disulfide and other solvents.

Application : Insoluble Sulfur used rubber industries,as curing agents make rubber surface spray cream,which will improve the steel-adhesive binding,because the plastic uniform distribution,which would ensure the quality of vulcanization,is the best rubber curing agent,it is widely used tire carcass compound ,in particular meridian tires all steel,can also be used for cable,cots,rubber products such as rubber compound.

Package : In woven bag or kraft paper bag lined with PE film bag.  
Net weight: 25Kg/Bag.

Storage : The product should be stored in a dry and cooling place with good ventilation.

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.