



**DATA-SHEET**

SPECIFICATION & DATA SHEET		Chemical Analysis:	
Product Code:	MSHQD -VA032-05 OT	Chemical Name:	Polymeric Sulfur
Trade Name:	Vulcanization agent HIS 75-20	Molecular Weight:	256.50
Molecular Formula:	S <sub>8</sub>	CAS No.:	Polymeric Sulfur 9035-99-8
			Rhombic Sulfur 7704-34-9
			High pressure and hydrotreated naphthenic oil 64742-52-5
Revision number	02	Date	01/12/2009

Product Information:

**\*\*\*Specification**

Appearance (visual inspection):	Non-rised yellow powder	Ash Content %	0.05
Element Sulfur content%	80.0 ± 1.0	Loss on drying % :	0.50
Residues(63µm)%	0.50	InsolubleSulfur Content (On total S)	94.0
Oil Content%	20.0 ± 1.0	Acidity (as H <sub>2</sub> SO <sub>4</sub> )%	0.05
Stability in high temperature (105 15 minutes) insoluble sulfur content (On total S) %	75	Specific Gravity( 20 )	1.60-1.70

**\*\*\*Typical Properties**

Yellow powder with little odor, no poison. The relative density is 1.70-1.82. It is not stability, and at vulcanization temperatures HIS75-20 will de-polymerize to soluble sulfur Insoluble in CS<sub>2</sub> and water.

**\*\*\*Recommended Applications**

HIS 75-20 is designed for improved flowability and dispersibility.it has the following advantages:  
Improved flowability. The improved product flowability provides easy handing, a less dusty enviroment and less tendency for product to compact.  
Improved dispersibility. The special additive package in HIS 75-20 helps to reduce the tendency for electrostatic charge build-up and hence the formation of agglomerates which can be formed during mixing as a result of the small particle size of insoluble sulfur.

**\*\*\*Handling and Storage recommendations**

The product should be stored in the dry and cooling place with good ventilation and should be avoiding hot and sunshine.  
12 months with the common storing condition. Recommend use of date is within 6 months.

**\*\*\*Package**

Bag: 25kg/bag	Pallet(1.1*1.1) : 900kg/P
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