



**DATA-SHEET**

SPECIFICATION & DATA SHEET		Chemical Analysis:	
Product Code	MSHQD -VA032-02 OT	Chemical Name	Polymeric Sulfur
Trade Name	Rubber vulcanization Agent HIS 60-33	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	Specific gravity at 20 (g/cm <sup>3</sup> )	1.40-1.50
Ash Content %	0.05	Loss on drying %	0.50
Oil Content%	33.0±1.0	Acidity (as H <sub>2</sub> SO <sub>4</sub> )%	0.05
Element Sulfur content%	67.0±1.0	Residues ( 63µm) %	0.50
Stability in high temperature(105 15mintues) insoluble sulfur content (On total S)%	75	Insoluble Sulfur Content % (On total S)	90.0

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

Yellow powder with slight odor, non-toxic. HIS 60-33 is not stable and can convert to soluble sulfur. HIS 60-33 is insoluble in CS<sub>2</sub> and in water.

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

HIS 60-33 is a non-blooming vulcanizing agent for unsaturated. It is polymeric sulfur and is insoluble in elastomers.so it will retard bin scorch, prevent migration of sulfur and preserve surface tack. This is important in the manufacture of tires and other plied up rubber goods. HIS 60-33 is a special grade with high thermal stability.

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

HIS 60-33 should be stored in a well-ventilated area below 30 , avoiding exposure of the packaged product exposure to direct sunlight. Do not store near by alkaline. 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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