



DATA-SHEET

SPECIFICATION & DATA SHEET		Chemical Analysis:	
Product Code	MSHQD -VA031-02a OT	Chemical Name	Polymeric Sulfur
Trade Name	Rubber Vulcanization Agent IS 60-33	Molecular Weight	256.50
Molecular Formula:	S ₈	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	Loss on drying %	0.50
Oil Content%	33.0±1.0	Ash Content %	0.05
Element Sulfur content%	67.0±1.0	Acid Content (as H ₂ SO ₄)%	0.05
Insoluble Sulfur Content %(On total S)	90.0	Residues (63µm) %	0.50
Specific gravity at 20 (g/cm ³)	1.40-1.50		

*****Typical Properties**

Yellow powder with slight odor, non-toxic. IS 60-33 is not stable and can convert to soluble sulfur. IS 60-33 is insoluble in CS₂ and in water.

*****Recommended Applications**

Because insoluble sulfur is metastable temperature should be kept as low as possible during mixing. Between 100-130 significant reversion can take place to soluble sulfur. Insoluble sulfur reversion can take place if it is in direct contact with alkaline components. Due to the optimal dispersion during mixing stage, it seldom appears electrostatic charge accumulating and form agglomerates.

*****Handling and Storage recommendations**

IS 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 products that can emit free amines.
12 months with the common storing condition. Recommend use of date is within 6 months. the reversion rate is less than 1%/year when stored in closed containers below 20 .

*****Package**

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