

DATA SHEET

SPECIFICATION & DATA SHEET:		CHEMICAL ANALYSIS:	
Trade Name:	Vulcanization Agent IS OT20	Chemical Name:	Insoluble Sulfur
Molecular Formula:	(S ₈) _n	Molecular Weight:	256.50
Synonym:	Crystex OT20	CAS No.:	Polymeric Sulfur 9035-99-8
			Rhombic Sulfur 7704-34-98
			High pressure and hydrotreated naphthenic oil 64742-52-5

PRODUCT INFORMATION:

***Specification

Appearance(visual inspection):	Non-rised yellow powder	Loss on drying %≤	0.50
Element Sulfur content %	80.0±1.0	Ash content % ≤:	0.15
Oil Content %	20.0±1.0	Acid Content (as H ₂ SO ₄)%≤	0.05
Insoluble Sulfur Content %(On total S)≥	90	Residues (150μm) %≤	0.50
Specific Gravity at 20 °C(g/cm ³)	1.60-1.70		

***Typical Properties

Non-rised yellow powder with little odor, no poison. The relative density is 1.60-1.70. It is not stability, it can be reduced content and then become to soluble sulfur. Insoluble in CS₂ and water.

***Recommended Applications

IS OT20 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 IS OT20 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. the reversion rate is less than 1%/year when stored in closed containers below 20°C.

***Package

Bag: 25kg/bag	Pallet(1.1*1.1*0.1):900kg/P
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