



# QUREACC TST

## 2,4,6 – Trimercapto-S-Triazine

CAS No. : 638-16-4

Molecular Formula : C<sub>3</sub>H<sub>3</sub>N<sub>3</sub>S<sub>3</sub>

Molecular Weight : 177.26

### SALES SPECIFICATIONS:

PARAMETER	UNIT	REQUIREMENT
Appearance	NA	Light Yellow Powder
Heating Loss	%	0.5 Max.
Fineness (75µm Retained)	%	0.5 Max.
Ash Content	%	0.3 Max.
Solubility	NA	Soluble in THF, Insoluble in water

### APPLICATION

QUREACC TST is a crosslinking agent used for curing ECO rubbers and certain grades of Acrylic rubbers containing active chlorine groups.

#### **TST in ECO rubbers:**

TST is less hazardous than curing system of ETU/Pb3O4 used for ECO due to toxic lead. TST also gives better heat resistance.

TST along with MgO improves compression set properties and prevents mould fouling.

#### **ACM Terpolymer Rubbers containing Chlorine/carboxyl groups:**

Chlorine containing ACM rubbers have been traditionally vulcanized with soap/sulphur system (sodium stearate/TMTD). However development of triazine system has offered the compounder greater versatility and better process and vulcanisate properties. There is a slight sacrifice in elongation and aged hardness, but compression set is excellent indicating tight cure with TST.

### PACKING AND STORAGE

Available in 10/20 Kg. Bag

To be stored in a clean, cool & dry place.

Although every care has been taken in the completion of the above information & recommendation they are offered in good faith without guarantee.

### YASHO INDUSTRIES PVT. LTD.

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