



QUREACC TST

2,4,6 – Trimercapto-S-Triazine

CAS No. : 638-16-4

Molecular Formula : C₃H₃N₃S₃

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.

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