



QUREACC[®]TST

2,4,6-Trimercapto-S-Triazine

CAS No. : 638-16-4
Molecular Formula : C₃H₃N₃S₃
Molecular Weight : 177

SALES SPECIFICATIONS:

PARAMETER	UNIT	REQUIREMENT
Appearance	NA	Light Yellow Powder
Heating Loss	%	0.50 Max.
Fineness (75µm Retained)	%	0.50 Max.
Ash Content	%	0.30 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 vulcanizate 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 LIMITED

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