



QUREACC[®]TBSI

2-Benzothiazolesulfenamide

CAS No. : 3741-80-8
Molecular Formula : C₁₈H₁₇N₃S₄
Molecular Weight : 404

SALES SPECIFICATIONS:

PARAMETER	UNIT	REQUIREMENT
Appearance	NA	Off white to light yellow brown free flowing powder
Assay (HPLC)	%	88.0 Min.
Melting Point	°C	128.0 Min.
Heat Loss (105°C)	%	0.50 Max.
Oil Content	%	2.0 Max.
Residue on 150 μ Sieve	%	0.50 Max.

APPLICATION

A satisfactory delayed action accelerator is one that remains substantially inert during rubber compounding operation, but gives reasonable rate of cure when the temperature of the mixture is raised to effect vulcanization.

QUREACC[®]TBSI is a delayed action primary amine based accelerator. It is primarily used to cure large thick articles where balanced cure is important throughout cross-section

- ❖ It is a delayed action slow curing accelerator ideally suited for large thick articles like Tractor and earthmoving tyres where balance of cure is important.
- ❖ It promotes adhesion of rubber to brass coated steel and is recommended for Radial Tyres.
- ❖ It gives better reversion resistance as compared to sulphenamide accelerators in diene rubbers.
- ❖ TBSI due to its sulphenimide structure has excellent storage stability in Hot and Humid Conditions.
- ❖ It is used at levels similar to those used with sulphenamide accelerators.

PACKING AND STORAGE

Available in 25 Kgs. 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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