

Technical Data Sheet

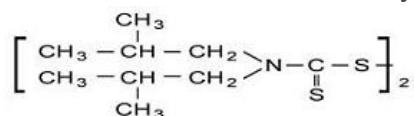


荣欣鑫橡胶助剂

RONGXIN XIN RUBBER ADDITIVES

Rubber Accelerator TiBTD

Chemical Name: Tetraisobutyl thiuram Disulfide structure:



Molecular Formula: C₁₈H₃₆N₂S₄

Molecular Weight: 408.75

CAS NO.: 3064-73-1

Specification:

Item	Crystal	Oiled crystal	Granul e
Appearance	Light yellow crystal(granule)		
Initial M.P. °C≥	65.0	65.0	65.0
Loss on drying % ≤	0.30	0.50	0.40
Ash % ≤	0.30	0.30	0.30
Residue on 840µm sieve % ≤	0.00	0.00	
Additive %		0.1-2.0	
Granule Diameter mm			2.50

Properties: Light yellow crystal (granule). No osmyl and no taste. Soluble in benzene, acetone, CH₂Cl₂, CS₂ toluene, chloroform, partly soluble in alcohol and diethyl ether, insoluble in gasoline and water.

Application: Super accelerator and vulcanizing agent for NR.IR.BR.SBR.NBR and EPDM. Generates low level of relatively non-toxic nitrosamine, effective in latex as well as dry rubber. Cure ability is good but the streuth is poor. Cure acitivity is good in the absence of sulphur

Packaging: 25kg plastic woven bag, paper with plastic film bag. kraft paper bag

Storage: The product should be stored in the dry and cooling place with good ventilation, avoiding exposure of the packaged product to direct sunlight. The product with pallet should not be stacked. Stacking of palletized material or temperature of above 35οn;C can cause unusual compacted product. The validity is 1 year.

Technical Data Sheet (TDS) Version 2.0

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