



## Rongxin Technology Co., Ltd.

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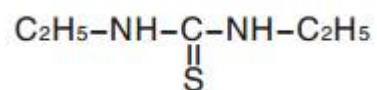
Rubber Accelerator DETU

RUBBER ACCELERATOR : DETU

Chemical Name N , N'-Diethyl thiourea

Molecular Formula  $C_5H_{12}N_2S$

Molecular Structure



Molecular Weight 132.22

CAS NO.105-55-5



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## Specifications

Item	Crystal
Appearance	White crystal powder
Assay, % $\geq$	97.0
Initial Melting Point $^{\circ}\text{C}\geq$	74.0
Final Melting Point $^{\circ}\text{C}$	77.0~79.0
Loss on Drying% $\leq$	0.40
Ash% $\leq$	0.30
Residue on 840 $\mu\text{m}$ Sieve, % $\leq$	0.00
Physical property	
Density at 20 $^{\circ}\text{C}$ (kg/m $^3$ )	1120
Bulk density(kg/m $^3$ )	500-570

**Properties** White crystal powder. Soluble in acetone, ethanol, insoluble in water, hardly soluble in gasoline. Have hygroscopicity.

**Applications** These enhancers to promote the effectiveness of anti-burning properties of low and poor, so for the second vinyl rubber has been rarely used, but in exceptional circumstances, such as thiuram sulfides with sulfur donor vulcanizing, etc., the goods with the activity the role of agent, thiourea type accelerator of vulcanization of the neoprene is a unique performance, can be obtained tensile strength, hardness compression permanent deformation, such as good performance neoprene vulcanizate. This product with the NA-22 compared to scorch and curing are faster, but better flat vulcanization. Easily dispersed, do not emit cream. Larger amount, they can carry out high-temperature high-speed vulcanization, is particularly applicable to the products of continuous pressure vulcanization, the goods-butyl rubber is also used to promote the agent, EPDM rubber vulcanization agent must live. For natural rubber, neoprene, nitrile rubber and SBR have antioxidant. Generally used for manufacturing industrial products. Special wires, sponge products.

**Package** 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. Since the date of production, the storage period is 12 months.