

Technical Data Sheet

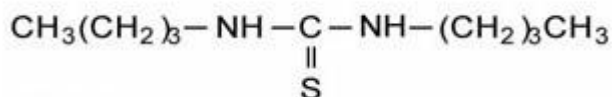


荣欣鑫橡胶助剂

RONGXIN XIN RUBBER ADDITIVES

Rubber Accelerator DBTU

Chemical Name: N,N-Dibutyl thiourea
structure:



Molecular Formula: C₉H₂₀N₂S

Molecular Weight: 188.3

CAS NO.: 109-46-6

Specification:

Item	Powder	Oiled powder
Appearance	White crystal powder	
Initial M.P. °C ≥	60.0	60.0
Loss on drying % ≤	0.30	0.50
Ash % ≤	0.30	0.30
Residue on 840µm sieve % ≤	0.00	0.00
Additive %		0.1-1.0

Properties: White or light yellow crystal powder. Density is 1.06 g/cm³. Soluble in alcohol, partly soluble in diethyl ether, insoluble in water.

Application: DBTU is an ultra-accelerator for mercaptan-modified CR(1-3phr). It has a vulcanization behaviour similar to that of ETU and DETU. It is also used as a secondary accelerator for NR and synthetic rubbers. It disperses easily in rubber. It is non-staining and does not bloom. It is practically odourless. Antioxidant for NR, antiozonant for NR and SR, particularly SBR. It is also a corrosion inhibitor.

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

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 35 °C can cause unusual compacted product. The validity is 1 year.

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