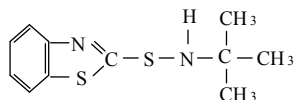


Rubber Accelerator TBBS(NS)

Chemical Name N-tert-butyl-2-benzothiazole Sulfenamide

Molecular Structure



Molecular Formula C₁₁H₁₄N₂S₂

Molecular Weight 238

CAS# 95-31-8

Specifications GB/T 21840-2008

Item	Specifications	
	High grade	
Appearance	White or light yellow powder or granular	
Initial Melting Point, (°C)Min.	104.0	
Final Melting Point (°C)Min.	107.0	
Heat Loss (%)Max.	0.40	
Ash, (%)Max.	0.40	
Free amines (%)Max.	0.5	
Methanol insolubles (%)Max.	1.0	
Purity (%)Min	96.0	
Residue on 150 μ m Sieve (%)Max.	0.10	

Properties Its industrial product is light yellow to brown powder, the density is 1.26~1.32g/cm³, soluble in benzene, chloroform, carbon disulfide, acetone, methanol, alcohol, difficultly soluble in gasoline, insoluble in water, dilute acid and dilute alkali solution.

Applications A delayed action accelerator of vulcanization for natural and synthetic rubber. The speed of vulcanization is similar to CBS's, but it's delaying is larger than the CBS. There is little pollution and the color is changeless. It can be used as rubber products of tyre.

Storage Store closed containers in a cool, dry, well-ventilated area. Avoid exposure to direct sunlight.

Packing Coextruded paper bags lined with polyethylene film bags. Net weight 25 kg per bag.