MBTS

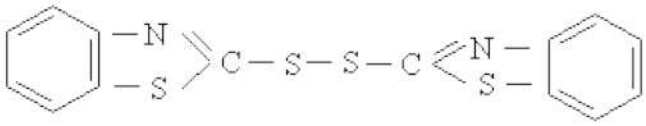
Technical Data Sheet

RUBBER ACCELERATOR MBTS（DM）

Chemical Name: Dibenzothiazole disulfide

Molecular Formula: $C_{14}H_8N_2S_4$

structure:



Molecular Weight: 332.50

CAS NO: 120-78-5

Product Standard: GB/T11408-2013

Specification:

Item	Unit	Specification
Appearance	----	Off-white or Light-Yellow powder
Initial M.P. (Min)	℃	168.0
Loss on drying (Max)	%	0.40
Ash (Max)	%	0.50
Residues on 150μm sieve (Max)	%	0.10
Purity(Min)	%	97.0

Properties:

A little bitter taste. Specific gravity: 1.45--1.54. Soluble in chloroform, toluene, benzene, carbon tetrachloride. Insoluble in water and ethyl alcohol.

Application:

Given flat, moderately fast cures in NR and SR. Also used in a wide range of general purpose rubber. Non-staining/non-discolouring in "white" socks; use as a plasticiser and/or retarder in polychloroprene rubber. Secondary acceleration is usually required for synthetic polymers. Better scorch safety than Accelerator MBT.

Packaging:

25kg bag/carton.

Storage:

Keep container tightly closed in a cool, well-ventilated place. The recommended maximum storage life is 2 years when stored under normal conditions.