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Technical Data Sheet

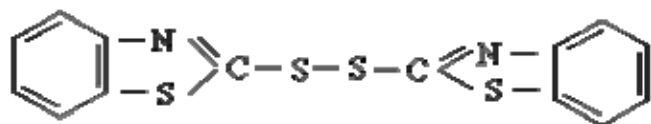
MBTS

Dibenzothiazole disulfide,

CAS NO.: 120-78-5

Chemical Molecular: $C_{14}H_8N_2S_4$

Chemical Structure:



APPLICATION

A medium fast curing primary accelerator for all sulfur curable elastomers. Gives flat, moderately fast cures in NR and SR. Also used in a wide range of general purpose rubber. Non-staining/non-discolouring in “white” stocks. Acts as a plasticiser and/or retarder in polychloroprene rubber. Secondary acceleration is usually required for synthetic polymers. Exhibits better scorch safety than MBT.

SPECIFICATION

NAME OF INDEX	FIRST GRADE	QUALIFIED GRADE
Appearance	White or light-yellow powder or granular	
Melting point, °C, min	166.0	162.0
Heating loss, %, max	0.40	0.50
Ash content, %, max	0.50	0.70
Residue (150 μ m), %, max	0.10	0.10

HANDLING PRECAUTIONS

For detailed information on toxicological properties and handling precautions please refer to the current Safety Data Sheet.

STORAGE RECOMMENDATIONS

Store MBTS in single stacked pallets in a cool, dry, well-ventilated area, avoiding exposure of the packaged product to direct sunlight. Double stacking of palletized material and/or exceeding 35°C can result in unusual compaction of product.

PACKAGING: 25kg paper bag.