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Technical Data Sheet

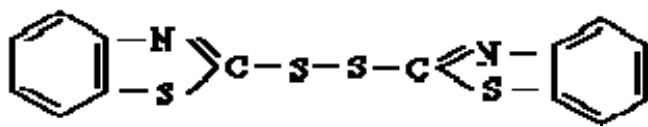
Accelerator MBTS

Dibenzothiazole disulfide,

CAS NO.: 120-78-5

Chemical Molecular: C₁₄H₈N₂S₄

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 plasticizer and/or retarder in polychloroprene rubber. Secondary acceleration is usually required for synthetic polymers. Exhibits better scorch safety than MBT.

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.

SPECIFICATION:

Name of Index	Specification		Test Method
Appearance	White, light-yellow granular	White, light-yellow powder	
Initial melting point °C ≥	166.0	166.0	GB/T11408-2003
Heating loss % ≤	0.40	0.40	GB/T11408-2003
Ash content % ≤	0.50	0.50	GB/T11408-2003
Residue on sieve (150µm) % ≤	-	0.10	GB/T11408-2003
Oil Content %	-	1.0-2.0	