

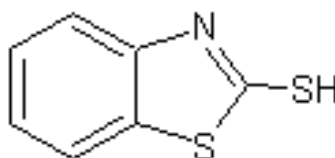


ISO 9001:2008 REGISTERED

MBT

Chemical Name: 2-Mercaptobenzothiazole

Structure



Molecular Weight: 167.3

Class: Thiazole

CAS#: 149-30-4

MBT is a semi-fast, non-staining general purpose accelerator for dry rubber and latex compounding. MBT has a low activation temperature and becomes very scorchy above 176°C (240°F). MBTS can be used to replace MBT if improved scorch behavior is desired. MBT allows for good aging properties. In order to achieve faster cure and higher modulus, secondary accelerators can be used; i.e. ZBEC, ZDEC, TBzTD, or TMTD. MBT is a viable option when compounding needs to involve non-nitrosamine generating accelerators.

MBT has typical properties of: Specific Gravity @ 1.47; Melt Point @ 173°C, and is available in a light yellow oil treated powder or granular form.

12/23/14

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