

PRODUCT DATA SHEET

Accicure TMT : Ultra Thiuram Accelerator

Composition : Tetramethylthiuram disulphide

Physical Properties

Appearance : Off-white powder / pellets.
Sp Gr at 25°C : 1.42 (Typical)

Typical Analysis

Parameter		Limits	Test method
Melting Point	(°C)	141 min	ASTM D 1519
Loss at 60°C for 2 hours	(%)	0.6 max	D 4571
Ash Content	(%)	0.5 max	D 4574

Solubility

Insoluble in water. Slightly soluble in alcohol and petroleum ether. Soluble in chloroform.

Notes on Uses

Accicure TMT is the best known and the most widely used very fast accelerators. It is used with sulphur as a single accelerator and as an important component of multi accelerator blends. It is non staining but with normal sulphur dosages it is rather too scorchy to be used by itself. It also cures rubber without added sulphur, acting as both accelerator and sulphur donor. Accicure TMT is a very popular booster for Accicure MBT, MBTS and HBS, giving reasonably safe, fast-curing combinations. Typical dosage varies from 0.15 – 0.75 phr.

Storage and Handling

Stable indefinitely under normal storage conditions.

No special handling precautions are necessary. Normal precautions to avoid contact with skin and eyes should be followed. For eyes, flush with plenty of water and seek medical advice.

Packaging

20 Kg. in HDPE lined Paper Bags.

Issue No : 3

DATE OF ISSUE : 02.01.2006

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