

PRODUCT DATA SHEET

Accicure ZMBT :Semi ultra Thiazole Accelerator

Composition : Zinc salt of Mercaptobenzthiazole

Physical Properties

Appearance : Creamy yellow powder
Sp Gr at 25°C : 1.64 (Typical)

Typical Analysis

Parameter	Limits		Test method
Loss at 100°C for 2 hours	(%)	0.5 max	ASTM D 4571
Fineness (100 mesh) retained	(%)	0.5 max	D 4572
Ash content	(%)	20 – 25	D 4574
Assay	(%)	70 min	ICI-49-02
MBT content	(%)	15 ± 5	ICI-50-02

Solubility

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

Notes on Uses

Accicure ZMBT has accelerator properties intermediate between those of Accicure MBT and Accicure MBTS, being less scorchy than Accicure MBTS and also intermediate in state of cure. The vulcanisate properties are closely similar to those of Accicure MBT. Accicure ZMBT is specially recommended for latex compounds with Accicure ZDC to give high modulus rubbers. A similar combination produces latex foams with a high compression modulus. Typical dosage varies from 0.5 – 1.5 phr.

Storage and Handling

Stable indefinitely under normal conditions of storage.

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

20/25 Kg. in HDPE lined Paper Bags.

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