

PRODUCT DATA SHEET

Accicure HBS : Delayed action Sulphenamide Accelerator

Composition : Cyclohexyl Benzthiazyl Sulphenamide

Physical Properties

Appearance : Creamy white powder / pellets.

Sp Gr. at 25°C : 1.30 (Typical)

Typical Analysis

Parameter	Limits		Test method
Melting Point	(°C)	100 min	ASTM D 1519
Loss at 60°C for 2 hours	(%)	0.5 max	D 4571
Ash Content	(%)	0.5 max	D 4574
Methanol Insoluble	(%)	0.5 max	D 4934

Solubility

Insoluble in water and petroleum ether. Soluble in ethanol and methanol.

Notes on Uses

Accicure HBS is a delayed action accelerator. Accicure HBS produces vulcanisates of excellent quality whose mechanical properties and ageing characteristics resemble those of boosted thiazole systems. It imparts high level of tensile strength and modulus in rubber as compared to other sulphenamides and is thus a popular accelerator for inner tubes. Typical dosage of Accicure HBS in rubber compounds usually varies from 0.5 – 1.5 phr although in speciality EV systems even higher dosages are recommended.

Accicure HBS is suitable for mixes containing high loadings of reinforcing carbon blacks. Used in conjugation with Accitard RE, fast curing yet very safe systems are obtainable.

Storage and Handling

Store in a cool dry place. Storage life: 6 months.

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

25 Kg. in HDPE lined Paper Bags.

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