

PRODUCT DATA SHEET

Accicure ZDBC : Ultra Dithiocarbamate Accelerator

Composition : Zinc dibutyl dithiocarbamate

Physical Properties

Appearance : White powder
Sp Gr at 25°C : 1.25 (Typical)

Typical Analysis

Parameter	Limits		Test method
Melting point	(°C)	105 min	ASTM D 1519
Loss at 100°C for 2 hours	(%)	0.5 max	D 4571
Chloroform Insolubles	(%)	2.0 max	D 4934
Fineness (100 mesh) retained	(%)	0.1 max	D 4572

Solubility

Insoluble in water. Soluble in chloroform.

Notes on Uses

Accicure ZDBC is an active accelerator like Accicure ZDC. Its major difference is its higher solubility in rubber, tending to give better transparency and lower risk of blooming from vulcanisates. The vulcanisate properties are closely similar to those of Accicure ZDC. It has highest solubility in EPDM rubbers and is a preferred accelerator in combination with others for non-blooming EPDM compound applications which entail extruded profiles for automobiles. Typical dosage varies from 0.25 to 1.5 phr depending upon the application envisaged.

Storage and Handling

Stable (approx 3 years) 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 Kg. in HDPE lined Paper Bags.

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