



SOVEREIGN CHEMICAL COMPANY

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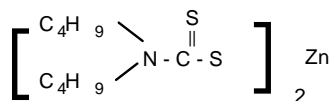
Sovchem® ZDBC

Manufacturer: Sovereign Chemical Company

Classification: Dithiocarbamate Accelerator

Chemical Composition

Chemical Structure:



Empirical Formula: $\text{C}_{18}\text{H}_{38}\text{N}_2\text{S}_4\text{Zn}$

Molecular Weight: 474.1

CA Nomenclature: Zinc Dibutyldithiocarbamate

Synonym Nomenclature: Zinc, bis (dibutylcarbamo-dithioato-S-S')

Physical Data

Specification Properties

	Value			Test Method
	Powder	Oiled Powder	Granule	
Melting Point, ° C (initial)	104 min	104 min	104 min	GB11409.1
Heat Loss, % by mass	0.30 max	0.40 max	0.30 max	GB11409.4
Zinc Content, % by mass	13.5-15.0	13.5-15.0	13.5-15.0	SCC-119
Sieve Retention, 150 μ	0.10 max	0.10 max		GB11409.5-89
Sieve Retention, 63 μ	0.50 max	0.50 max		GB11409.5-89
Soluble Zinc Content, % by mass	0.01 max	0.01 max	0.01 max	Supplier
Additive, %		1.0-2.0		

Typical Properties

	Value	Test Method
Physical Form	White powder	White granule
		Visual

Applications

Uses: Used for primary or secondary ultra-accelerator in NR, IR, BR, SBR, NBR, HR, EPDM, and their latexes. Similar in property to PZ and EZ. Less accelerating effects than PZ and EZ to dry rubber. Effectively used in both natural and synthetic latexes for faster curing at normal (low) temperature than PZ and EX, and less scorching and blooming.

Packaging and Storage

Packaging: 25 kg (55.1 lb.) bag

Shelf Life: 2 years from date of manufacture if stored as indicated below

Storage: Product should be stored in cool, dry place with good ventilation, avoiding exposure of the packaged product to direct sunlight.

Specification Date: June 6, 2011 (supercedes: June 1, 2011)