

Sovchem[®] ZDiBC Powder

Manufacturer: Sovereign Chemical Company
 Classification: Dithiocarbamate Accelerator
 CA Nomenclature: Zinc Diisobutyl dithiocarbamate

Specification Properties	Value	Test Method
Heat Loss, %	0.50 maximum	GB11409.3.4
Melting Point (Initial), °C	113 minimum	GB11409.3.1
Sieve Retention on 150μ, %	0.10 maximum	GB11409.3.5.3
Sieve Retention on 63μ, %	0.50 maximum	GB11409.3.5.3
Soluble Zinc Content, %	0.01 maximum	Supplier
Zinc Content, %	13.0-15.0	SCC-119
Typical Properties	Value	Test Method
Physical Form	White powder	Visual

> APPLICATIONS

Uses: ZDiBC is highly effective because of its steric hindrance due to the branching structure of diisobutylamine, which can significantly reduce the formation of n-nitrosamine in the vulcanization process compared with the common non-branched super accelerators of the same kind. It is an environmentally friendly accelerator with good mechanical properties. Used for primary or secondary ultra-accelerator in NR, IR, BR, SBR, NBR, HR, EPDM, and their latexes. It can be used in NR latex in place of ZDEC and ZDBC.

> PACKAGING AND STORAGE

Packaging: 25 kg (55.1 lb.) bags.

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: November 7, 2023