

# Sovchem<sup>®</sup> ZBEC Oiled Powder

Manufacturer: Sovereign Chemical Company  
 Classification: Dithiocarbamate Accelerator  
 CA Nomenclature: Zinc, bis(dibenzylthiocarbamate)  
 Chemical Synonyms: Zinc dibenzylthiocarbamate

Specification Properties	Value	Test Method
Additive, %	1-2	In Process
Heat Loss, %	0.4 maximum	GB11409.4
Melting Point (Initial), °C	180 minimum	GB11409.1
Sieve Retention on 150 $\mu$ , %	0.1 maximum	GB11409.5-89
Sieve Retention on 63 $\mu$ , %	0.5 maximum	GB11409.5-89
Zinc Content, %	10-12	SCC-119
Typical Properties	Value	Test Method
Physical Form	White Powder	Visual

## > APPLICATIONS

**Uses:** Safe-processing secondary accelerator. Can be used as primary in latex. High resistance to hydrolysis, low solubility in rubbers. Fast at higher vulcanization temperatures. It has longest anti-scorching capability in the dithiocarbamates. Recognized to have low nitrosamine potential. Used in sheeting, extrusions and latex.

**Polymers:** NR, IIR, SBR, and EPDM.

## > PACKAGING AND STORAGE

**Packaging:** 20 kg (44.09 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:** June 1, 2011 (Supersedes August 10, 2010)