

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

Manufacturer: Sovereign Chemical Company  
 Classification: Thiuram Accelerator  
 CA Nomenclature: Dipentamethylene thiuram tetrasulfide  
 Chemical Synonyms: Piperidine,1,1'-(tetrathiodicarbonothioyl) bis

Specification Properties	Value	Test Method
Additive, %	1-2	In Process
Ash Content, %	0.4 maximum	GB11409.7-89
Heat Loss, %	0.4 maximum	GB11409.4
Melting Point (Final), °C	115-121	GB11409.1
Melting Point (Initial), °C	108 minimum	GB11409.1
Sieve Residue on 150µ	0.1 maximum	GB11409.5-89
Sieve Residue on 63µ	0.5 maximum	GB11409.5-89
Typical Properties	Value	Test Method
Physical Form	Light yellow powder	Visual
Specific Gravity	1.50	Typical

## > APPLICATIONS

**Uses:** Primary accelerator for butyl and CSM. Secondary accelerator for NR, SBR, EPDM, CR and NBR.

**Polymers:** Natural rubber and most synthetic elastomers.

**Synergism:** Synergistic with thiazole accelerators.

**Cure Effect:** Gives a tight cure with good compression set, high modulus, good color and age resistance.

**Crosslink Type:** DPTT promotes mono-sulfidic crosslinks.

## > PACKAGING AND STORAGE

**Packaging:** 25 kg (55.1 lb.) bags.

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

**Storage:** Store in unopened original packaging in a cool dry place away from direct sunlight.

**Specification Date:** August 27, 2015 (Supersedes June 1, 2011)