SOVEREIGN CHEMICAL

Technical Data Sheet

Sovchem® DPTT Oiled Powder

Manufacturer: Sovereign Chemical Company

Classification: Thiuram Accelerator

CA Nomenclature: Dipentamethylene thiuram hexasulfide

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 150µm	0.1 maximum	GB11409.5-89
Sieve Residue on 63µm	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)

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