

Sovchem® CTP Granule

Manufacturer: Sovereign Chemical Company

Classification: Scorch inhibitor

CA Nomenclature: N-cyclohexylthiophthalimide

Specification Properties	Value	Test Method
Active Substance Content, %	96 minimum	GC
Ash Content, %	0.1 maximum	ASTM D4574
Heat Loss, %	0.5 maximum	ASTM D4571
Melting Point (Final), °C	89-94	ASTM D1519
Toluene Insolubles, %	0.5 maximum	ASTM D1766
Typical Properties	Value	Test Method
Physical Form	Pale cream granules	Visual
Specific Gravity	1.33	Typical

> APPLICATIONS

Uses: Sovchem® CTP Granule is a pre-vulcanization inhibitor that increases scorch time without effecting final vulcanizate properties. It inhibits scorch by acting as a MBT scavenger in sulfenamide and thiazole based cure systems. It is not as effective with dithiocarbamate and thiourea type accelerators. It is basically non-staining but may cause slight discoloration in white compounds.

Processing: Even a small addition of Sovchem® CTP Granule (0.1 to 0.4 phr) to rubber compounds increases their processing safety significantly which allows for increases in processing speeds (extrusion, calendaring, etc.).

> PACKAGING AND STORAGE

Packaging: 20 kg (44.09 lb.) bags.

Shelf Life: 1 year from date of manufacture if stored as indicated below.

Storage: Stored in unopened original packaging in a cool dry place away from foodstuffs and acids.

Specification Date: December 7, 2005 (Supersedes December 16, 2003)