

Sovchem[®] DETU Crystal

Manufacturer: Sovereign Chemical Company
 Classification: Thiourea Accelerator and Corrosion Inhibitor
 CA Nomenclature: Thiourea, N,N'-diethyl
 Chemical Synonyms: 1,3-diethylthiourea or N,N'-diethylthiourea

Specification Properties	Value	Test Method
Ash Content, %	0.3 maximum	GB11409.7-89
Heat Loss, %	0.3 maximum	GB11409.4
Melting Point (Initial), °C	74 minimum	GB11409.1
Sieve Retention, % @840 μ	0.1 maximum	GB11409.5-89
Typical Properties	Value	Test Method
Physical Form	White crystalline powder	Visual

> APPLICATIONS

Uses: Ultra accelerator for CR and a secondary accelerator for natural rubber, EPDM and SBR. Good for hot air cures. Also used as a corrosion inhibitor in non-rubber applications.

Polymers: CR, NR, EPDM and SBR.

Cure Effect: Ultra-fast accelerator.

> 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 packages in a cool dry place away from direct sunlight.

Specification Date: August 9, 2011 (Supersedes August 23, 2010)