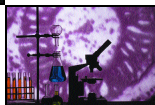


# Rubber Chemicals



## 4243 Rubber Chemicals - 580 Spectra

The Rubber Chemicals Select IR Database is a collection of infrared spectra of rubber chemicals and facilitates structural determination and identification of such substances. The database provides a convenient and practical reference source of information which includes pertinent physical and chemical data in addition to the infrared reference spectra.

The database contains the infrared absorption spectra, physical and chemical data and other supporting information for 589 rubber chemicals grouped by principal function. It is recognized that many of the products included in this collection have more than one use, therefore, additional functional groupings are listed with each product where applicable. Data sheets and product bulletins from the manufacturers have been used to determine these classifications and also serve as the source for the composition, properties and use of each rubber chemical. Each compound is listed by its commercial or trade name as given by the manufacturer. Other information accompanying each spectrum includes the classification(s), manufacturer, properties, function or use and the method used in sample preparation. A chemical description or composition is also included whenever available.

This database includes the infrared spectra of a broad range of chemical classes used in the rubber industry, including accelerators, activators, retardants, vulcanizers, antioxidants, plasticizers, tackifiers, and stabilizers. Each compound is identified by its commercial or trade name.

The following additional information will also be supplied when available: chemical composition, chemical and physical properties, source of sample, technique, classification and use.

The following is a classification of compounds included in this database:

### Classifications

THIAZOLE ACCELERATORS	13	ANTIOXIDANTS, ANTIOZONANTS,	113	BLOWING AGENTS	13
DITHIOCARBAMATE ACCELERATORS	17	INHIBITORS		POLYMERIZATION MATERIALS	34
THIURAM SULFIDE ACCELERATORS	8	STABILIZERS	16	RECLAIMING MATERIALS	6
GUANIDINE ACCELERATORS	5	PLASTICIZERS AND SOFTENERS	100	LATEX ANTIFOAM AGENTS	15
THIOUREA ACCELERATORS	5	PEPTIZERS	4	LATEX DISPERSIONS AGENTS	28
ALDEHYDE-AMINE ACCELERATORS	4	PROCESSING AIDS	14	LATEX STABILIZERS AND EMULSIFIERS	33
ACTIVATORS	39	TACKIFIERS	48	LATEX THICKENERS	4
RETARDERS	10	NON-BLACK FILLERS AND	33	ODORANTS	7
VULCANIZERS	40	REINFORCERS			



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