

IR - Sadtler Polymers & Monomers (Comprehensive) - Wiley

Spectra - 11,270

Description

This spectral database offers the world's largest commercially available collection of infrared spectra of monomers, polymers, catalysts, curing agents, antioxidants, stabilizers, modifiers, and other additives used in polymerization processes. It can be used as a reference in the identification, verification, and classification of unknown compounds.

Additional Information

Each record is identified by its commercial or trade name and includes the following information (when available): chemical composition, chemical and physical properties, source of sample, and technique.

Classifications

The polymers include aliphatic hydrocarbons, polyesters, polyamides, sulfonated polymers, silicones, epoxy resins, vinyl and vinylidene polymers, cellulose derivatives and methacrylic polymers, heterocyclic vinyl polymers, and polymerized fats.

The monomers, catalysts, curing agents, additives, etc. include aliphatic unsaturated hydrocarbons, cyclic unsaturated hydrocarbons, aromatic hydrocarbons, halogenated hydrocarbons, compounds containing aldehydes and ketones, organometallics, ethers, oxides and peroxides, amines, alcohols and phenols, carboxylic acids, ureas, amides, cyanurates, and salts of carboxylic acids.

This collection has been subject to the Sadtler Data Review Protocol™ to provide you with the highest standard in spectral data today. These rigorous qualifying procedures start at data acquisition and continue throughout the database development process.