

IR - Sadtler Protective Materials - Wiley

Spectra - 770

Description

This infrared database contains 770 spectra of polymer additives which include coatings, stabilizers, antioxidants, inhibitors, preservatives, and antistatic agents.

Additional Information

Each compound is listed by its chemical name or commercial name. Pertinent physical and chemical data is included when available.

Classifications

- **Coating Chemicals** - 343 spectra - Defined as protective films and the materials used to manufacture these films. Plastics, solvents, many and varied additives and monomeric compounds are among the chief of these coating compounds.
- **Stabilizers** - 156 spectra - These compounds are used to slow the deteriorating effect of light on many materials.
- **Antioxidants** - 109 spectra - These compounds are used to counteract the effects of degradation.
- **Corrosion Inhibitors** - 76 spectra - These compounds are used to stop or slow down the corrosion or rust of metals. These compounds are added to paints, fuels, coolants, hydraulic fluids, and many other fluids used in industry.
- **Preservatives** - 56 spectra - These compounds are added to products to prevent decomposition.
- **Antistatic Agents** - 32 spectra - These compounds are used in the treatment of materials or their surfaces to reduce or eliminate the buildup of static electricity.

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.