

IR - Polymers, Hummel Industrial Monomers - Wiley

Spectra - 1,565

Description

This IR database contains 1,565 spectra of monomers used in polymerization processes.

Spectra were collected directly from manufacturers or research laboratories responsible for their development. They include the following classes: vinyl monomers, pyrolyzates, alcohols, phenols, carboxylic acids and their salts, esters, anhydrides, amides, hydrazides, urethanes, cyanates, fulminates, heterocycles, amino and thiocarboxylic acids, sulfonamides, technical solvents, and more.

This database can be used by polymer researchers and technologists in the structural determination and identification of polymers.

Additional Information

Spectra include the following information when available: chemical structure, trade names, manufacturer, measurement conditions, application, appearance, density, refractive index, molecular weight, and molecular formula. Use of the Hummel decimal numbering system enables researchers to easily identify the compound class.

This enhanced information combined with the spectra make this Hummel collection unique and valuable to all people working in polymer science.

Technique

Spectra were collected directly from manufacturers or research laboratories responsible for their development. All spectra are prepared as high quality FT-IR spectra.