

IR - Polymers, Hummel Industrial Polymers - Wiley

Spectra - 1,910

Description

This collection contains 1,910 FT-IR spectra of polymers, elastomers, and fibers.

Spectra were collected directly from manufacturers or research laboratories responsible for their development. They include natural and synthetic construction polymers, natural and synthetic fibers, elastomers, miscellaneous resins like natural resins, paint and finishing resins, impregnation and casting resins, dispersion, molding and printing inks, oils, fats, waxes, tars, inorganic compounds, adhesives, putties, cements, protective colloids, curing agents, initiators and activators, accelerators, and modifiers.

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.