

Raman - Sadtler Polymers & Monomers (Basic) 2 - Wiley

Product Code - This database is available as part of the KnowItAll Raman Spectral Library
Spectra - 245

Description

Wiley has compiled a collection of basic monomers and polymers commonly encountered in both industry and academia. The database contains reference spectra (identified by chemical name), which have not been modified with any additives, although they may be copolymers or terpolymers. Compounds were selected to provide representative materials for identification and classification. Applications include quality control, deterioration studies, materials selection, etc.

Additional Information

Manufacturer source information is presented with each reference spectrum so that the availability of a selected material that matches the measured Raman spectrum can be determined by contacting the specified commercial producer.

Technique

The spectra were analyzed using a BIO-RAD FTS175C with a FT-IR Raman accessory. The spectra were generated using FT-RAMAN (Nd³⁺:YAG 1064 nm laser). The resultant spectra were referenced to an internal white light source and baseline corrected. The data was collected in the region of 150-3600 cm⁻¹ Stokes shift.

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.