

WILEY

Spectral Databases

From the Leader in Spectral Data



Raman - Sadtler Polymers & Monomers (Basic 3) - Wiley

Spectra – 406

This database is only available as part of the KnowItAll Raman Spectral Library subscription.



DESCRIPTION

Wiley has compiled a collection of basic monomers and polymers commonly encountered in both industry and academia. The database contains 300 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

- Quality control
- Materials science
- Deterioration studies



ADDITIONAL INFORMATION

When it comes to spectral analysis, the more data you have the better. Wiley spectral databases provide much more information than simply the spectrum. Database records include the following valuable details when available:

- | | |
|----------------------|--------------------|
| • Chemical Structure | • Instrument |
| • Chemical Name | • InChI/InChIKey |
| • Exact Mass | • Molecular Weight |
| • Source of Sample | • Properties |
| • Formula | • Supplier |



COMPOUND COVERAGE

- Polymers
- Monomers
- Terpolymers



TECHNIQUE

The spectra were generated using Bruker FTRAMAN (Nd: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 150-3400 cm^{-1} Stokes shift.



TRUSTED DATA FROM A TRUSTED SOURCE

Wiley is the authoritative source for spectral data. Our renowned databases are processed according to rigorous protocols to ensure they are of the highest quality. Qualification procedures start at data acquisition and continue throughout the database development process. Any data acquired from trusted partners is thoroughly vetted before inclusion in our collections.