

WILEY

Spectral Databases

From the Leader in Spectral Data



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

Spectra - 249



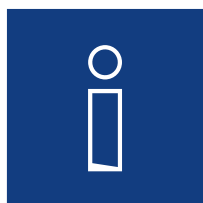
Description

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.



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 may include valuable details when available for a record such as:

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



Compound Coverage

- Polymers
- Monomers
- Terpolymers



Technique

The spectra were analyzed using a BIO-RAD FTS175C with a FT-IR Raman accessory. The spectra were generated using FTRAMAN (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 150-3400 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.

<https://sciencesolutions.wiley.com/>

Quality Data. Results You Can Rely On.