

Special offers!

Complete solutions for new packaging structures

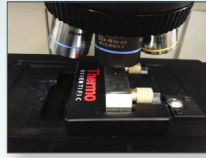
Analyze and characterize new materials with Raman microscopy to solve your daily challenges. From QC, failure/defect analysis, to R&D and reverse engineering, the Thermo Scientific™ DXR2 Raman Microscope will enable you to confidently test your polymer material to the standards that meet your requirements.

In recent years flexible-packaging technology has advanced tremendously requiring manufacturers to characterize multilayers materials down to the sub-micron range with minimal sample preparation.



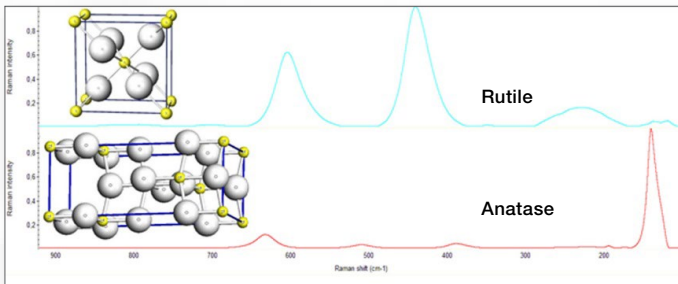
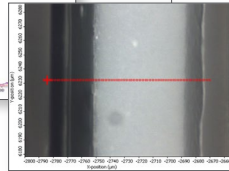
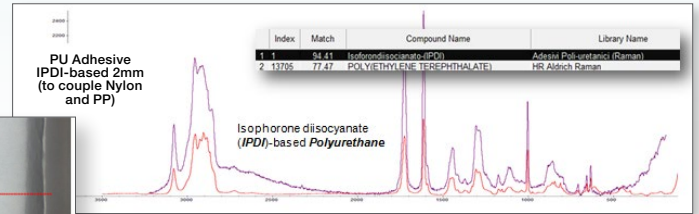
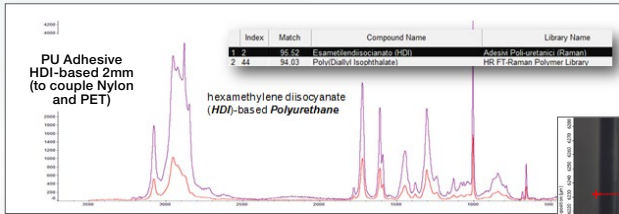
Thermo Scientific DXR2 Raman Microscope

Learn more about what DXR2 Raman Microscopes can do for your packaging.



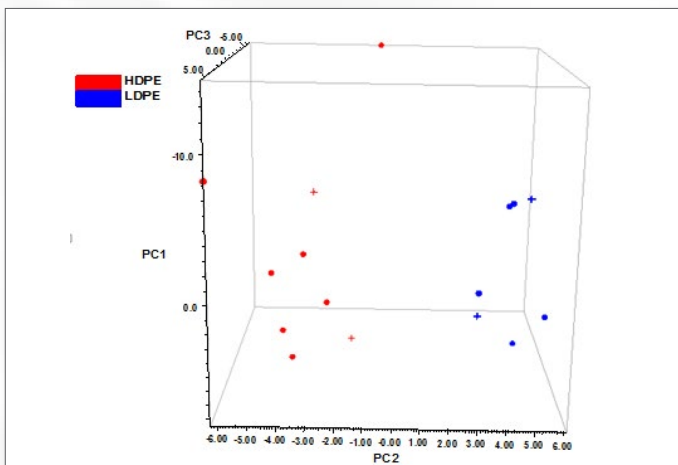
Co-extruded/laminates analysis

- Easy sample preparation
- High spatial resolution



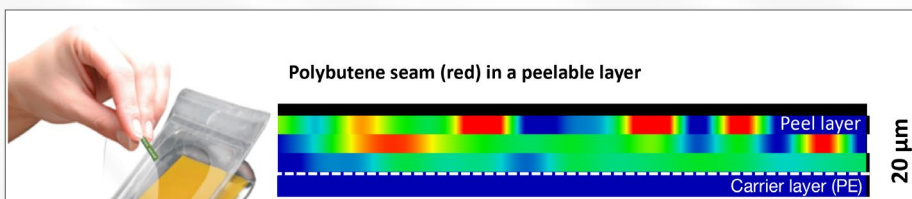
Spatial Organization and Molecular Structure

- Identify Inorganic fillers and their distribution
- Distinguish between different polymorphs
- Discriminate crystalline and amorphous materials



Polymer density

- TQ Analyst methods quickly identify and discriminate the different types of Polyethylene



Confocal analysis

- Understand the distribution of Polybutene in peelable layers
- Identify sub-superficial defects
- Analyze your multilayer structures