



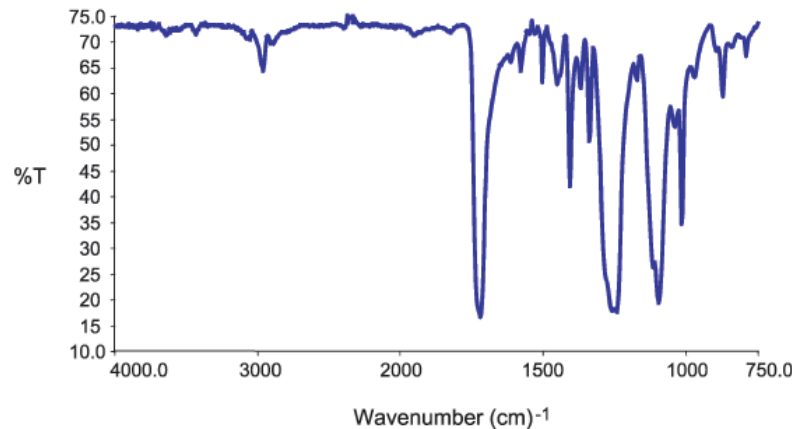
AN 362 Identifying Contaminants: Fiber Found On A Wafer

May 7, 2007 (Version 3.0)

Discussion

Identifying the chemical composition of contaminants is an important step in the drive to reduce overall contamination. The composition often provides critical information that allows a contaminant's source to be identified and eliminated.

In this example, a 20 μm fiber was found on a wafer. Fourier Transform Infrared Spectroscopy (FTIR) performed with a microscope attachment was used to identify the fiber as poly(ethylene terephthalate) or PET. PET is a common polyester that is used in many cleanroom garments.



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