Application Note



No. 100MT0083-E

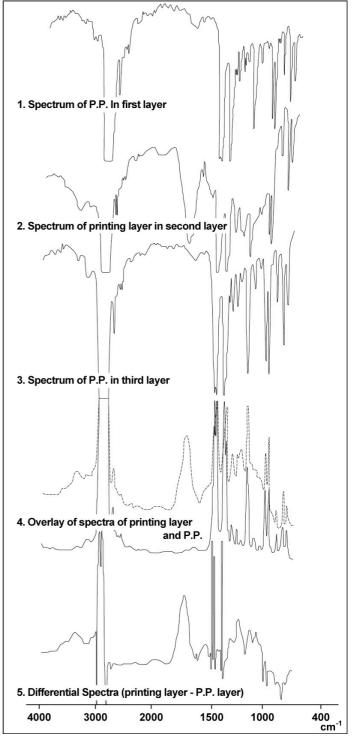
Analysis of printing layer in multilayer film

The three-layer film is composed of a single printing layer and two P.P. layers and each layer has been tried to be measured. But since the printing layer is as thin as 3 μ m the spectrum of P.P. layer is overlapped to the spectrum of printing layer.

In this measurement, the differential spectra (printing layer - P.P. layer) appears to be in good agreement in second layer with the spectrum obtained by the ATR method in which the top layer of P.P. is removed.

Measurement conditions

Instrument: Measurement mode: Sample size: Accumulation: Resolution: Detector: $\begin{array}{l} Micro \ FT/IR-100 \\ Transmittance \ method \\ 3 \sim 60 \ \mu m \\ 500 \ times \\ 4 \ cm^{-1} \\ MCT \end{array}$



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