

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 μm 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:	Micro FT/IR-100
Measurement mode:	Transmittance method
Sample size:	3 ~ 60 μm
Accumulation:	500 times
Resolution:	4 cm^{-1}
Detector:	MCT

