

Water absorption of a starch foil

A starch foil with polyol additive which was stored in an environment with 38% air humidity was quickly put into the humidity chamber (adjusted to 66% air humidity). The spectra demonstrate the time response of water increase by the foil by means of the intensity increase of the water band at 1640 cm^{-1} .

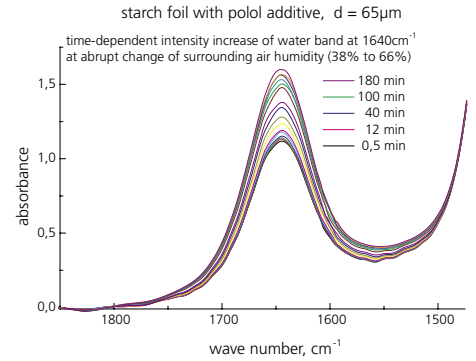


Figure 1
Starch foil with polyol additive, $d = 65\ \mu\text{m}$