



#3310

# Permeation Analysis

MIGRATION AND COMPLIANCE TESTS OF FOOD PACKAGING

## DESCRIPTION

Oxygen (OTR) and Water vapor (WVTR) transmission rate testing of sheets, films and finished packages under controlled temperature and humidity conditions. Determination of the gas permeability of Modified Atmosphere Packaging (MAP) and evolution of headspace gas analysis.

## AVAILABLE EQUIPAMENT

- Ox-Tran 2/21 MH (Mocon) with high sensitivity coulometric sensor (ASTM D-3985). Test temperature range: 10-40°C. Generated RH testing range: 35-90% RH and dry mode
- Permatran W 3/33 (Mocon) with modulated infrared sensor (ASTM F-1249). Test temperature range: 5-50°C. Generated RH testing range: 0-90% RH and 100% RH

## ADVANTAGES

- Very accurate sensors according to international standards
- Less time to reach equilibrium conditions
- Dual cell analysis

## APPLICATIONS

Polymers, composites and nanocomposites | Films and Multi-layer laminates | Finished packages |

## CONTACT US

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