Permeation Testing Services

Laboratory services for comprehensive permeation testing of films, bottles and packages

Systech Illinois offer:

- Fast Turnaround
- Competitive Prices
- Independent non-biased testing
- Years of expertise in oxygen and moisture analysis

Ideal for:

- Convertors
- Food packaging
- Pharmaceutical packaging
- Third party analysis
- New product development
- Academic research

For Medical and Pharmaceutical permeation testing, we can now offer software which conforms to 21CFR Part 11.

Conforms to Standards:
ASTM 3985 (North & South America), JIS K-7126 (Japan) and DIN 53380 (Europe)
Systech Illinois reserve the right to change specifications without notice. 2017/10

Systech Illinois, a leading manufacturer of package, flexible film and bottle permeation test equipment have introduced a testing service for companies who are lacking in the time or facility for their own in-house testing.

The permeation laboratory provides cost-effective measurement of oxygen and water vapor permeation in films, bottles and finished packaging. In addition to our experienced staff, the laboratory has an extensive back-catalogue of test results that can be used as benchmarks for new material testing.

The Systech Illinois laboratory is temperature and humidity controlled offering testing under a wide range of conditions and is fully compliant with all major standards relevant to the packaging materials industries.

All test results are supported by a comprehensive report containing test data available in both tabular and graphical format. In addition to one-off testing, the laboratory is able to provide a service for companies with their own test equipment for both routine result comparison tests and for additional testing capacity.

Systech Illinois have over 25 years experience of providing analysis solutions for a wide range of industries. From our manufacturing plants in the U.S. and UK we produce gas analyzers for industrial process industries, headspace analyzers for monitoring gas flushing of food products and our range of permeation analyzers.

Applications

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<th>Film/foil composites</th>
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<td>Vinyl films</td>
<td>Coatings and laminates</td>
<td>Bottles and packages</td>
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