

Test report ID XXXXX

Customer Example Company

Assignment Measurlabs provided OTR and WVTR testing services as requested by the customer.

Sample(s) Sampling was performed by the customer.

Sample name	Matrix	Performed measurements
Sample 1	Polymer film	<ul style="list-style-type: none">• Oxygen transmission rate (OTR) of plastic films and sheeting• Water vapor transmission rate (WVTR) of plastic films and sheeting
Sample 2	Polymer film	<ul style="list-style-type: none">• Oxygen transmission rate (OTR) of plastic films and sheeting• Water vapor transmission rate (WVTR) of plastic films and sheeting

Samples received dd/mm/yyyy

Results The results presented on the next page(s) relate to the tested sample(s) only.

On XXXXX, issued by



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Test results - OTR & WVTR

Methods

Oxygen Gas Transmission Rate (OTR) according to ASTM D3985.

Water Vapor Transmission Rate (WVTR) according to ASTM F1249.

Tests performed by an ISO/IEC 17025 accredited external service provider.

Additional information

The results are reported as an average of 2 replicates.

No specific coating side on the films (both sides are equal)

Results

Testing conditions:

1. Oxygen permeability (RH 0%, temp. 23 °C)
2. Water vapour permeability (RH 90%, temp. 38 °C)

Table 1. Results for OTR.

Sample	Temperature [°C]	Relative Humidity [%]	Result [cc/m ² /day]
Sample 1	23	0	xxxx.xx ± xxx.xx
Sample 2	23	0	xxxx.xx ± xxx.xx

Table 2. Results for WVTR.

Sample	Temperature [°C]	Relative Humidity [%]	Result [g/m ² /day]
Sample 1	38	90	x.xx ± x.xx
Sample 2	38	90	x.xx ± x.xx

End of the test report