



Request No. 1155/660224

TPC. No. 1155/66

## REPORT ON TESTING AND ANALYSIS

For

PREPACK THAILAND CO., LTD.

30/145 Moo 1, Khok Kham, Muang Samutsakhon, Samutsakhon 74000

Testing/analysis of:- Plastic film; code: PET / MPET / LLDPE

Method of testing/analysis:- 1) ASTM F 1249-20 Water Vapor Transmission Rate Through Plastics Film and Sheeting Using a Modulated Infrared Sensor  
2) ASTM D 3985-17 Oxygen Gas Transmission Rate Through Plastic Film and Sheeting Using a Coulometric Sensor

Condition of testing/analysis:- Temperature - °C Relative humidity - %

Date of request:- February 24, 2023

Date of testing:- April 7-11, 2023

Result of testing/analysis:-

Water vapor transmission rate 0.287 g/m<sup>2</sup>.day  
at 37.8 °C , 90.0 % RH

Oxygen gas transmission rate 0.240 cc/ m<sup>2</sup>.day  
at 23.0 °C , 0 % RH

Note: 1) Water vapor transmission rate test:

- Test equipment: Water vapor permeation tester; MOCON PERMATRAN-W<sup>®</sup> 3/33

2) Oxygen gas transmission rate test:

- Test equipment: Oxygen permeation tester; Illinois model 8101e

Tested/analysed by

Gansuda

(Miss Gansuda Wangchanachai)

Approved by

Wichit R.

(Mr. Wichit Rattanathawornkiti)

Director of Packaging Testing Laboratory

Date April 12, 2023

## End of Report ##

Remark: The above results are valid exclusively for tested/analyzed samples as mentioned in this report.

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