



Request No. 1612/660411

TPC. No. 1612/66

## 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: OPP//MCPP

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:- April 11, 2023

Date of testing:- April 18 - May 9, 2023

Result of testing/analysis:-

Water vapor transmission rate at 37.8 °C , 90.0 % RH	0.101	g/m <sup>2</sup> .day
Oxygen gas transmission rate at 23.0 °C , 0 % RH	6.18	cc/ m <sup>2</sup> .day

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 May 10, 2023

## End of Report ##

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

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Thailand Institute of Scientific and Technological Research

Head Office

35 Moo 3, Technopolis, Tambon Khlong 5, Amphoe Khlong Luang,

Pathum Thani 12120,Thailand

Tel. (662) 577 9000 Fax. (662) 577 9009

E-mail: tistr@tistr.or.th Website : www.tistr.or.th

Thai Packaging Centre

196 Phahonyothin Road, Chatuchak,

Bangkok 10900, Thailand

Tel. (662) 579 1121-30 Fax. (662) 579 7573

E-mail: tpc-tistr@tistr.or.th Website : www.tistr.or.th/tpc