



## REPORT ON TESTING AND ANALYSIS

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

**Method of testing/analysis:-** 1) ASTM F 1249 Water Vapor Transmission Rate Through Plastics Film and Sheeting Using a Modulated Infrared Sensor

2) ASTM D 3985 Oxygen Gas Transmission Rate Through Plastic Film and Sheeting Using a Coulometric Sensor

**Date of testing:-** June 14, 2024

**Result of testing/analysis:-**

**Water vapor transmission rate** < 1.00 g/m<sup>2</sup>.day  
**at 37.8 °C , 90.0 % RH**

**Oxygen gas transmission rate** < 1.00 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; Illinois model 7101

2) Oxygen gas transmission rate test:

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

**Tested/analysed by**

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วริศรา พ.

(Miss Waritsara Phrayotha)

**Approved by**

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เรวดี

(Miss Revadee Sripat)

Date **June 17, 2024**