



## REPORT ON TESTING AND ANALYSIS

**Testing/analysis of:-** Plastic film; PET//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:-** May 02, 2024

**Result of testing/analysis:-**

**Water vapor transmission rate** < 10.00 g/m<sup>2</sup>.day

**at 37.8 °C , 90.0 % RH**

**Oxygen gas transmission rate** < 200.00 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**

วริศรา พ.

(Miss Waritsara Phrayotha)

**Approved by**

เรวดี

(Miss Revadee Sripat)

Date **May 03, 2024**