



Customer : Prepack Thailand Co.,Ltd.
Testing Standard : ASTM D3985
Testing Device : MOCON OX-TRAN® 2/22(L)
Test Range of Film : 0.005 to 2,000 cc/(m²·day)
Test Range of Package : 0.00003 to 1.0 cc/(pkg·day)
Sample Description : Multilayer Film
Sample Receiving Date : 02/05/2023
Testing Period : 08/05/2023 - 19/05/2023

Testing Results : (Oxygen Transmission Rate, OTR)

Conditions : Temperature : 23 °C
: Relative Humidity
- Testing Gas RH : 0 %RH
- Carrier Gas RH : 0 %RH
: Testing Area : 50 cm²

No.	Sample	Oxygen Transmission Rate, OTR (cc/(m ² ·day))
1	Cross Handle Bag (LLDPE with EVOH) 50u (Test 5 ; In Oven 50°C 7day)	1.1200
2	Cross Handle Bag (LLDPE with EVOH) 50u (Test 5 ; In Oven 50°C 14day)	1.1160
3	Cross Handle Bag (LLDPE with EVOH) 50u (Test 5 ; In Oven 50°C 21day)	1.0620
4	Cross Handle Bag (LLDPE with EVOH) 50u (Test 5 ; In Oven 50°C 28day)	1.0080

1. Reports relate only to the samples tested and are issued in academic analysis.
2. The report shall not be changed, added, or modified without the prior written consent of Plastics Institute of Thailand.



Sample



Fig. 1 Cross Handle Bag (LLDPE with EVOH) 50u
(Test 5 ; In Oven 50°C 7day)

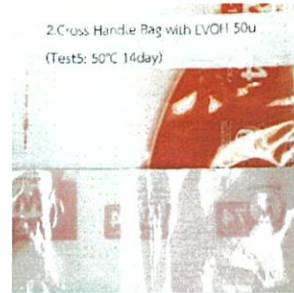


Fig. 2 Cross Handle Bag (LLDPE with EVOH) 50u
(Test 5 ; In Oven 50°C 14day)

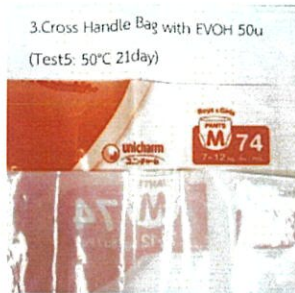


Fig. 3 Cross Handle Bag (LLDPE with EVOH) 50u
(Test 5 ; In Oven 50°C 21day)



Fig. 4 Cross Handle Bag (LLDPE with EVOH) 50u
(Test 5 ; In Oven 50°C 28day)

(Rattanabhorn Angkuntbaramee)
Assistant Analyst
Tester

(Nattula Wongta)
Assistant Manager of Testing & Certification Center
Examiner

1. Reports relate only to the samples tested and are issued in academic analysis.
2. The report shall not be changed, added, or modified without the prior written consent of Plastics Institute of Thailand.