



# C1-MB



## Ultra High Barrier

C1-MB film is film that we have given Ultra High Barrier (UHB) feature to the film by **inline coating** it with water-based chemical.

Metallized with Alubond Technology

100% PP structure

## Barrier Values

**WVTR** < 0.05



**OTR** < 0.5

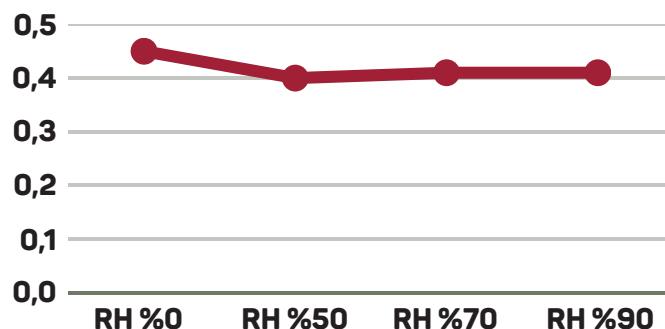


Progress achieved in barrier values in one year

## Strategic Partners



### ■ OTR



## Stable OTR barrier values at different humidity conditions

In a sustainable structure instead of a high barrier film such as EVOH.

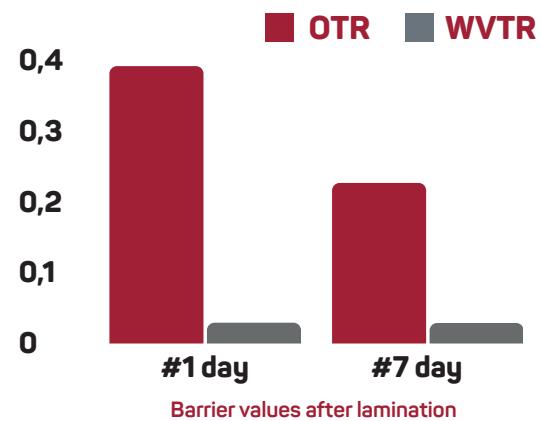
%100 PolyPropylene



## OPP // MET - ILC - OPP

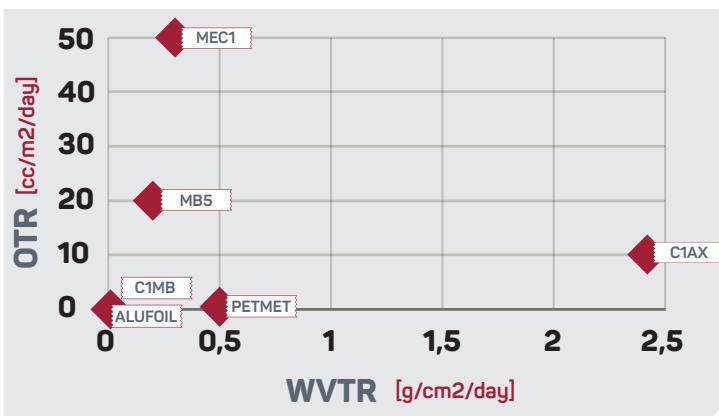
**OTR : 0.15 – 0.25**

**WVTR : 0.02 – 0.04**

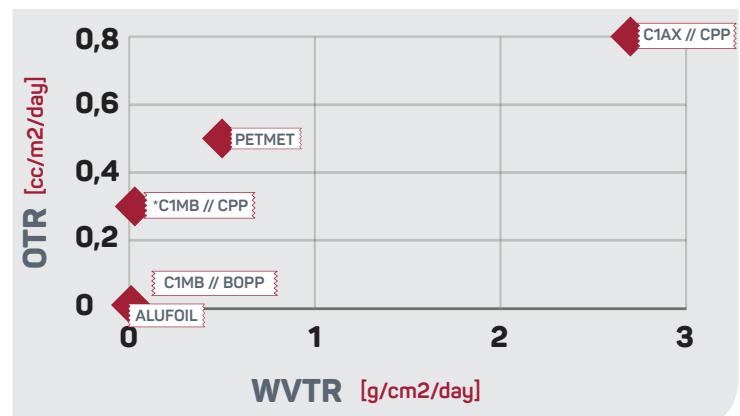


## THE PLACE OF C1MB IN THE METALLIZED FILMS FOR UHB

### BASE FILM



### LAMINATED FILM



\* Special Lamination adhesive prepared by Mitsui

## APPLICATIONS

This film can be preferred in duplex/triplex structures where high barrier properties are desired and, for example, as a 100% PP Mono material instead of PET-MET.

Some sample product packaging applications for which this film can be evaluated for use are as follows:

- ◆ Nuts
- ◆ Dry Pet Food
- ◆ Dry Soup Mixes
- ◆ Coffee Packaging
- ◆ Snacks