

# High Barrier Mono-material Packaging

**TOPPAN**

**NAGASE**  
Delivering next.

Contact: Nagase (Thailand)  
Mr. Thinnikorn Phaengbutdee  
(+66) 81 843 3134  
Thinnikorn@nagase.co.th



ALL PP for Retort processing  
Mono-material barrier packaging

It's  
Retortable!!



ALL PE for Liquid contents  
Mono-material barrier packaging



Post Retort

OTR  
cc/m2/day  
30°C 70%RH

**0.8**

WVTR  
g/m2/day  
40°C 90%RH

**0.5**

※Measured Value

OTR  
cc/m2/day  
30°C 70%RH

**0.5**

WVTR  
g/m2/day  
40°C 90%RH

**0.5**

※Measured Value

OPP/GL Barrier PP/sealant CPP

PE/GL Barrier PE/sealant PE