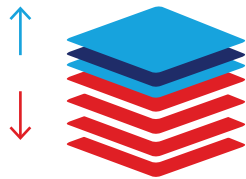


ANTIFOG BARRIER

Antifog performance should be visible immediately when package has been sealed and even sooner. In nowadays multilayer high barrier and laminated food packages, Antifog tends to migrate toward polar areas like corona TR or lamination adhesives instead of towards the sealing layer. **BR7483PE and BR7783DP** are specially designed for Co-Ex Multilayer films with multiple challenges for AF like tie layers, corona TR, lamination adhesives. Using Tosaf's **ANTIFOG BARRIER** can increase the efficiency of Antifog additives for a better and long-lasting activity.

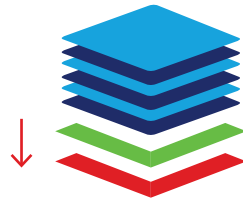
THE ADVANTAGES OF ANTIFOG VS. ANTIFOG BARRIER FILM STRUCTURES



ANTIFOG Bi Directional Migration

Hazy

AF-5% / PE+15% BR / 100% PE



ANTIFOG + BARRIER Uni Directional Migration

Clear

AF-5% / PE+15% BR / 100% PE



ADVANTAGES



Activity
Better Antifog activity



Concentration
Lower Antifog loading



Bonding
Prevents Delamination



Processing
Less DB and better flow



Versatility
Oriented and nonoriented



Transparent
Excellent optics