

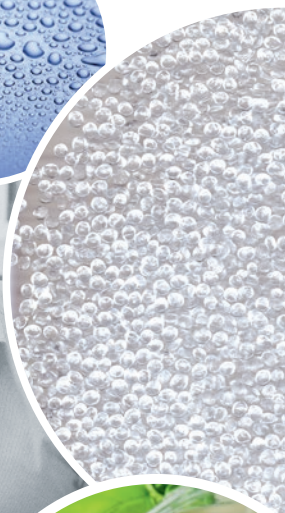
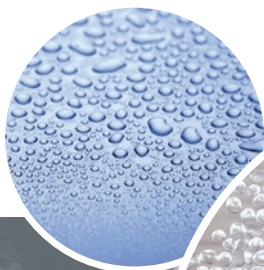
# CONSTAB<sup>®</sup>

Member of **KafritGroup**

**NEW!**

## CONSTAB<sup>®</sup> Antifog AF 00262 PPR

New Antifog solution for PP film



Giving Life to **Plastic**

## Experience CONSTAB's newest stage of development in Antifog Masterbatches

With our newest development, we have been able to manufacture a product that is suitable for both, hot- and cold fog applications. This product provides an ideal symbiosis between simple application and state-of-the-art technology. Crucially, our latest Masterbatch development will not require the typical corona treatment on the Antifog side. Moreover, the antifog additive has no restriction according to the FDA and EC regulations.

When using this product, we recommend the use of 7 to 10% in the core and 10 to 15% in the skin layer. By our experience from producing multilayer films the use of different dosing levels in the layers provides a better film quality. In each and every case, it is important that the loading level in skin and core are disparate (the loading level in skin and core shall not be equal!).

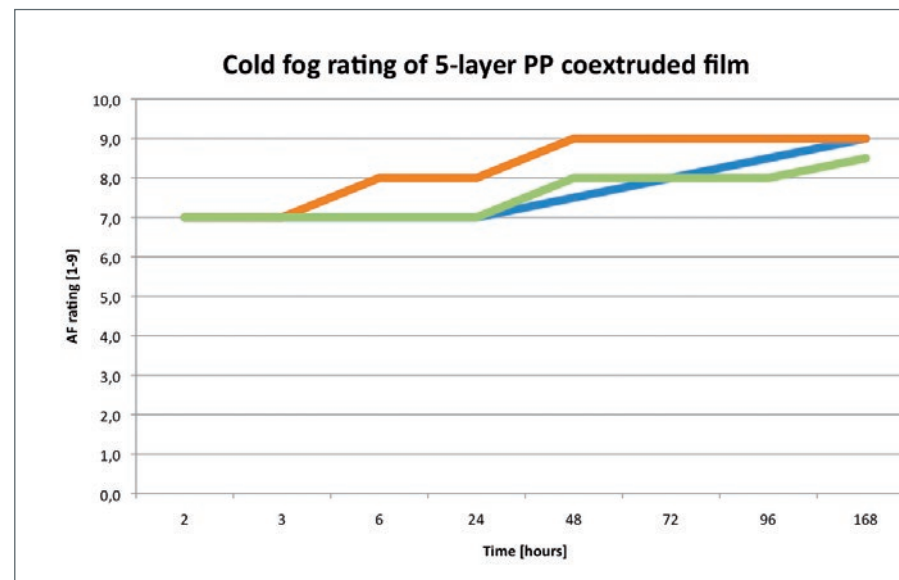
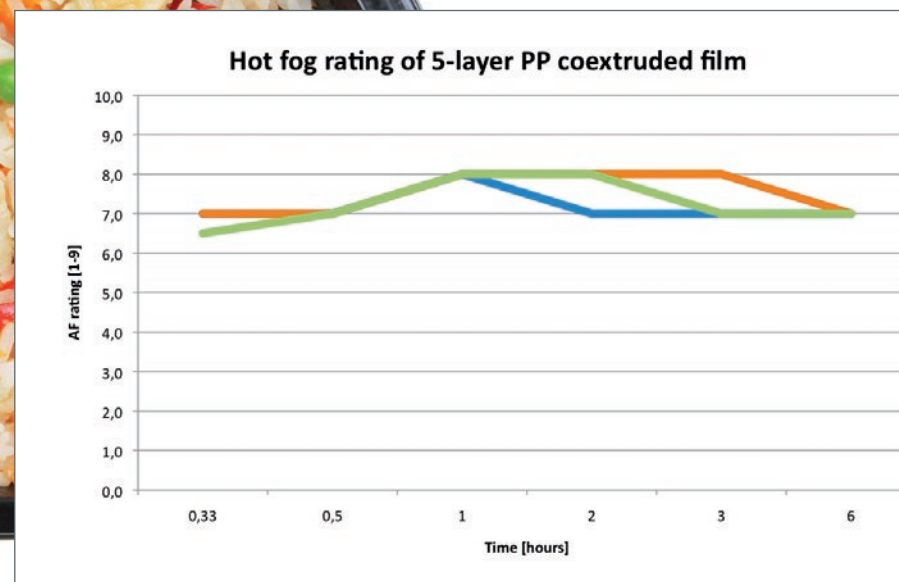
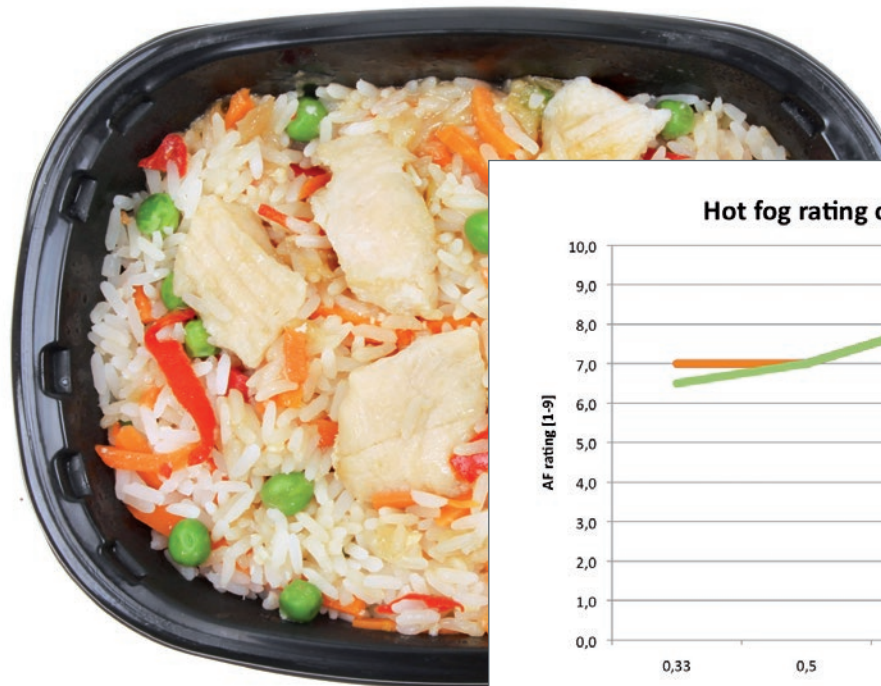
### Masterbatch recommendation

Liding film < 40 µm for lamination

Cold- and hot-fog application > 0.5°C

Code	Description	Surface Treatment	Layer Extruder Thickness	Dosing Recommendation %
AB 06001 PP PPR	Printing-/ Lamination layer	42 – 46	Outer 15 – 20 %	1.5 – 2.0
AF 00262 PPR New AF PPR			Middle 70 – 80 %	7.0 – 10.0
AF 00262 PPR New AF AB 06001 PP PPR	Sealing layer		Inner 15 – 20 %	10.0 – 15.0 1.5 – 2.0

**Remarks:** Use only **unadditivated** polymers. Slip may influence the performance of new CONSTAB AF even when used in the outer layers due to copy effect when winded on the reel.



We recommend to use 7% in the core and 10% in the skin as a starting formulation. In any case the loading level in skin and core must vary (not the same loading in skin and core).

- Solvent-base laminated film with new CONSTAB AF
- Solvent-free laminated film with new CONSTAB AF
- Raw film with new CONSTAB AF



**CONSTAB developed a product suitable for cold and hot fog application**

- No corona treatment on the antifog side will be necessary
- With FDA and EC approval
- The antifog additive has no SML limitation

**Coextruded PP cast film:  
PPH core with PPR skin layers**

- Challenge:  
Excellent antifog performance after lamination
- Partner: COIM Germany
- New CONSTAB antifog masterbatch has been successfully tested

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## Giving Life to **Plastic**

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