

PACKAGING

Antifog Coating for Food Packaging and Personal Protection



Tosaf has developed antifogging (AF) coating solutions specifically tailored to prevent fog accumulation within food packaging as well as in disposable personal protection articles (e.g., visors, goggles, face shields). Designed for application on top of plastic films, sheets and panels, the formulation acts as a coating or finish to provide immediate and long-term AF activity.

Antifog coating solutions are suitable in application where an AF MB is either not technologically feasible, such as in PET and PS films, trays, and lids; and/or not cost effective, such as in thick PP monolayered films. Coating solutions are practically applicable for all polymers and it can be applied using various application methods. Tosaf AF coating solutions comply with all relevant regulations related to food packaging, including those of the FDA and EU. We provide stable formulation with long pot-life (no sedimentation and/or phase separation) and safe to use and store (free of organic solvents, so poses no related VOC or flammability issues).

The Tosaf portfolio of Benchmark Solution includes:

AF8745WB -

waterborne antifog formulation with superior thermal and mechanical stability. Tailored for the most demanding sealing processes as well as for thermoforming and oriented films

AF7869WB -

waterborne antifog formulation with superior cold fog performance down to 0.5 °C.

AF9290SP -

solvent-reducible antifog concentration

Dosage recommendations:

Recommended loading level is 0.05-0.5 g m⁻² of the active content on top of the substrate.

Advantages:



Applicable for all Polymers



Long-Term Antifogging Activity



Immediate Action



Free of Organic Solvents



Full Food contact approvals

Applications:



Food Packaging



Electronic Packaging



Personal protection gear



Your notes:
