



Einar®

Einar® antistat and antifog coating solutions

- Antistatic agent Einar® 1103 and antifogging agent Einar® 1122 are highly efficient and 100% water-based coating solutions
- They are applicable for a wide range of polymers where performance is achieved with very thin coating layers
- Einar® 1103 and Einar® 1122 offer worldwide food contact approval

Application background

Efficient antistat and antifog properties are very important in many packaging applications and a wide range of polymers are used to cover different needs in each of these applications. Topically applied antistats and antifogs are the only efficient approach whenever a migratory solution will fail to provide the required performance. This is the case in many applications outside polyolefins where the migratory approach often works extremely well.

PET and PS are excellent examples of polymers where topical coatings are the most efficient way to achieve good and reliable antistat or antifog performance. There are applications in both PE and PP where coatings will greatly benefit the performance. One obvious example is antifog in BOPP in which a migratory solution might not reach the required performance.

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Antistat coatings

Einar® 1103 is a 100% water-based antistat coating solution. Uniquely efficient, it will work at coating concentrations down to 10 mg/m² and with a coating thickness of 10 nm. It is applicable to most polymers, including PET, PS, PVC and polyolefins. Tests have shown excellent performance in oriented and stretched film as well as in thermoforming applications.

Einar® antistats compare exceptionally well with competing products and have proven superior performance in numerous independent evaluations.

Antifog coatings

Einar® 1122 is a water-based anti-fog solution. Antifog performance can be achieved with coating concentrations down to 25 mg/m². Efficient and reliable, Einar® 1122 delivers consistent performance in applications that require uncompromising quality such as e.g. oriented and stretched films and thermoforming applications.

Your direct benefits:

- Efficient antistat and antifog performance at low coating concentrations
- 100% water based coating solutions
- No amine and amide chemistry
- Thermally stable and low volatility
- Worldwide approved for food contact
- Consultancy and technical evaluations available from our technical team

Other offerings from the Einar® range:

- Einar® 601 for anti-static performance in PE applications
- Einar® 618 and Einar® 422 for anti-fogging in PP applications
- Einar® 618, Einar® 611, Einar® 614 and Einar® 211 for anti-fogging in PE applications

Contact us and let us help you develop and test the optimum coating solution for you.

Find out more at polymers.palsgaard.com

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