



» PRODUCT BULLETIN

Hiformer™ Slip + Antistatic for BOPP Films

Hiformer™ Slip + Antistatic for BOPP Films is an exceptional choice for manufacturers seeking enhanced performance and more agile processes. The super-concentrated liquid additive combines migratory slip and antistatic agents in a single product, delivering practicality, consistency, and operational reliability.

The exclusive formulation is developed in a carrier fully compatible with the extrusion process and the resin. This enables the production of biaxially oriented polypropylene (BOPP) films that meet a coefficient of friction (CoF) specification between 0.20 and 0.35, while ensuring excellent static control. These features are essential for maximizing efficiency during secondary steps such as printing, filling, and conversion.

Hiformer Slip + Antistatic delivers high efficiency at low dosages (0.30 to 0.50%), helping maintain a cleaner, more stable, and more predictable production process. The additive is dosed directly into a flange located at the feed zone through a cannula connected to a high precision dosing unit. Avient provides this dosing unit on loan at no additional cost. The low dosing rate (LDR) reduces process interference, especially during formulation changes, support continuous productivity and enhanced process control.

To achieve optimal results, Avient offers comprehensive technical support, including on-site assistance, pilot and production trials, technical training, and complete guidance for equipment installation and use throughout all project stages.

KEY CHARACTERISTICS

- Super-concentrated liquid product
- Two functionalities in one solution (slip and antistatic)
- Low dosage levels (0.30 to 0.50%)
- Dosing unit provided on loan at no additional cost
- Approved for food contact
- Technical support throughout all project phases

KEY BENEFITS

- Consistent dosing repeatability enabled by the high precision dosing unit
- Minimal impact on the customer's process, thanks to low LDR
- Greater CoF stability throughout the film
- Improved optical properties, such as gloss and transparency
- Increased productivity due to reduced shear (demonstrated by machine RPM)



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