



Press Release

Baerlocher's BAEROLUB AID Chemistry is Becoming the New Standard for PFAS-free Polymer Processing Aids Used in PE Blown Film

ORLANDO, Fla. – May 6, 2024 – [Baerlocher USA](#), part of the Baerlocher Group, a leading global supplier of plastics additives, revealed here at NPE2024 (booth #S35171) that its recently introduced **BAEROLUB® AID** products are quickly setting a new standard for polymer processing aids (PPAs) formulated without per- and polyfluoroalkyl substances (PFAS). These breakthrough products can benefit polyethylene (PE) blown film converters and their resin suppliers, which are major users of PPAs. In addition to addressing regulatory restrictions on PFAS, BAEROLUB AID products offer significant advantages over competitors. As a result, all major North American PE resin producers are currently evaluating these PPAs in house or at customer facilities.

“Since the launch of our BAEROLUB AID family, we’ve seen strong and growing interest in different product forms from large resin manufacturers,” said Chad Harlan, strategic business unit director, Special Additives, Baerlocher USA. “Their initial inquiries have led to successful testing, prototyping and production runs under varying conditions. These positive results show that our proprietary chemistry clearly outperforms other PFAS-free PPAs, and delivers significant film processing and cost advantages. These factors, along with global regulatory approval, position our BAEROLUB AID family as a new PPA standard and a key enabler for the transition from PFAS-based additives.”

Broad Performance Under Different PE Platforms, Catalysts and Additives

Unlike many PFAS-free PPAs, BAEROLUB AID products do not rely on polyethylene glycol and siloxane chemistries with known processability limitations. They perform with both types of PE catalysts and a broad range of resin architecture, including butene, hexene and octene copolymers. They deliver rapid melt fracture clearing for metallocene and Ziegler-Natta linear low-density polyethylene (LLDPE) and high-density polyethylene (HDPE). These clearing times equal or exceed those of traditional PPAs containing PFAS. BAEROLUB AID PPAs work well in resins with a range of melt index values, even those below 1.0. Importantly, they do not interfere with anti-block and slip agents used in blown film, subject to normal adjustments.

BAERLOCHER



BAEROLUB AID products can also be used in extruded potable water pipe and wire & cable applications, where they minimize die build-up and reduce extruder torque. These PPAs are available as neat additives (pastilles, rods, granules and powders), custom blends and in masterbatch form.

Baerlocher also offers customers regulatory expertise and support for lab and technical screening, blown film testing and preparation for production trials.

For film converters that prefer using barefoot resins, we work with different partners to supply BAEROLUB AID 2201 in a masterbatch form.

NPE2024 takes place May 6-10, in Orlando, Fla.

About Baerlocher:

The Baerlocher Group is a leading manufacturer of additives for the plastics industry. Its portfolio includes a broad range of stabilizers and other additives suitable for a variety of polymer and non-polymer applications.

Baerlocher USA delivers tailored solutions in a reliable, supportive, and ethical manner by investing in our people, customers, and markets while adapting to changing needs.

Baerlocher embraces the principles of responsible care. It operates an ISO 9001 certified quality management system and an environmental management system compliant with ISO 14001. Baerlocher plays a positive role in both the business community and society as a whole. This includes work within industry associations, and the provision of training opportunities in a variety of disciplines.

The Baerlocher Group has production plants around the globe and operates a sales network serving all major countries.

Baeropan, *Baerostab*, and *Baerolub* are registered trademarks of Baerlocher.

For more information, please visit www.baerlocher.com.

Press Contacts:

The Americas

Roberto Nunez

Tel: +1-513-808-0342

E-mail: nunez.roberto@baerlocher.com

The Americas

Agency: AH&M, Inc.

Joe Bennett

Tel: +1-413-448-2260, Ext. 470

E-mail: jbennett@ahminc.com



Photo Caption



Baerlocher USA's recently introduced **BAEROLUB AID** polymer processing aids, formulated without per- and polyfluoroalkyl substances (PFAS), are well suited for blown film, pipe and wire & cable applications.