ALBlend® 925P for Bi-axially Oriented Polypropylene (BOPP)

Bi-axially Oriented Polypropylene (BOPP) films have emerged as the outstanding films with a strong growth in the world market because of its unique combination of properties such as better shrinkage, stiffness, transparency, sealability, twist retention and barrier.

SI Group’s ALBlend 925P is developed specifically for BOPP resins to provide exceptionally good melt flow and color stability at higher processing temperatures.

**Improved Stabilization for BOPP Film Resins**
- To maintain melt viscosity stability during film conversion/orientation/stretching
- To prevent web breakage
- To achieve a wide range processing window
- To achieve higher output coupled with higher line speeds of BOPP films

ALBlend 925P is used in a wide range of BOPP films maintaining excellent tensile strength and packaging properties including product freshness when used in food packaging applications. ALBlend 925P can help BOPP resin producers to make high quality BOPP resin with the ease of handling in pellet form.
Multiple extrusion tests were done to compare the relative changes in the Melt Flow Indices (MFI) and Yellowness Indices (YI) between ALBlend 182 (1:2 blend of ETHANOX® 310/ETHAPHOS® 368), Proprietary ALBlend 925P vs. a competitive One-pack in a BOPP resin. ALBlend 925P showed superior performance in maintaining both melt flow and color stabilities after multiple passes of extrusion.
The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of SI Group, Inc. and its subsidiaries to ensure the accuracy or reliability of the information. It is the responsibility of the user to comply with all applicable laws and regulations and to provide for a safe workplace. The user should consider all information contained herein only as a guide, and should take precautions that the user considers necessary or prudent to promote a safe work environment, such as considering all applicable health and safety hazards, developing safe work practice procedures and properly instructing employees. Further, nothing contained herein shall be taken as an inducement or recommendation to manufacture or use any of the materials or processes mentioned herein in violation of existing or pending patents. ALBlend, ETHANOX, and ETHAPHOS are trademarks of SI Group, Inc.