

Carolina Color G3 Eliminates Slip Agent Failure and Overall Cost When Compared to Liquid



Plastic molders need every advantage to remain competitive, especially in the packaging industry. One additive that is critical for packaging is a slip agent--without slip, parts can stick to a mold, slowing down processing speeds which increases product cost.

Recently, a very large packaging processor was using a slip agent delivered in a liquid carrier. The molding operators noticed the slip agent was settling too quickly, thus separating from the carrier. The result was inconsistent slip levels in the final parts, which led to lost production and increased cost.

The processor concluded they needed a better solution and called Carolina Color whose technical staff developed a highly-loaded, custom slip concentrate utilizing their new G3 technology. Successful trials were completed in a matter of weeks and the processing engineers recommended a switch to **G3**.

One of the main reasons behind the change was that **G3** delivered the slip in a solid pellet form eliminating the risk of product separation

which occurred in the liquid slip. It was also able to do so at a lower cost which obviously pleased the purchasing group.



Key attributes and advantages of using **G3** technology:

- The highest pigment-loaded custom colors in the industry
- It can be used in all olefins and engineering resins
- G3 lowers environmental impacts with a reduction in production energy, packaging materials and CO2 emissions
- Provides support for Six Sigma/Lean production methods

About Carolina Color:

Carolina Color's North Carolina and Ohio locations provide customers with full-service production capabilities and complete laboratories for color matching, testing, and analytics. Carolina Color, a 3A1 Dun & Bradstreet-rated company, has one of the strongest balance sheets in the industry. The company's core strength comes from its ability to innovate as well as maintain strong relationships with the finest suppliers of resins, pigments, dyes and additives. For more information about **G3**, visit: www.carolinacolor.com.