

CEL-SPAN®

Process Aid 101



PHOENIX
Plastics™
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Cel-Span® Process Aid 101

An internal lubricant and coefficient of friction modifying additive.

Cel-Span® Process Aid 101 is a 100% active (powder or pellet) internal lubricant processing aid with anti-static properties that are incorporated into the resin. Cel-Span® Process Aid 101 eliminates the need for an external mold release agent and improves resin flow, dispersion, resin additives ex:(reinforcements, fillers, and pigments), and reduces cycle time. The use of Cel-Span® Process Aid 101 will not have an adverse effect on the physical properties. Compatible with Polyethylene, Polystyrene, and Polypropylene.

Applications: Injection Molding

For best results, laboratory tests or preproduction trials should determine the optimum additive level. Cel-Span® Process Aid 101 internal lubricant is effective within a range of 1 to 10 parts per 1000 resin excluding reinforcements such as pigments and fillers. A high amount of filler may require a higher percentage of internal lubricant. Always start an evaluation at 5 parts per 1000 (0.5%). The internal lubricant may increase the melt flow index (MFI). Reduce the level of Cel-Span® Process Aid 101 or reduce the process temperature to raise the resin viscosity and eliminate screw slippage.

Features and Benefits:

- Improve physical properties
- Reduces resin viscosity
- Better wetout at the mold surface means smoother, glossier parts
- No effects on resin color
- Cleaner parts and cleaner molds

Cel-Span® Process Aid 101 is packaged in 50 lb. plastic bags and 1,100 lb. gaylord boxes. We recommend this product be kept closed and stored in the original container, away from light, heat and highly humid environments.

Disclaimer - This data contains general information and describes typical properties only. Only persons qualified to determine for themselves the suitability of our products for particular purposes should evaluate its potential uses. No guarantee is made or liability assumed, the application of this data and the products described herein being at the sole risk of the user. Samples are provided to the requestor on an "AS IS, WHERE IS" evaluation purpose only basis, solely under the use and direction of the requestor, without warranty of any kind (either express or implied), including but not limited to any implied warranties of merchantability and fitness for a specific or general purpose and those arising by statute or by law, or from a cause of dealing or usage of trade. In no event, regardless of cause, shall Phoenix Plastics be liable for any indirect, special, incidental, punitive or consequential damages of any kind, whether arising under breach of contract, tort (including negligence), strict liability or otherwise, and whether based on this agreement or otherwise, even if advised of the possibility of such damages.