

CEL-SPAN®



Process Enhancer 101

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An internal lubricant and coefficient of friction modifying additive.

Cel-Span® Process Enhancer 101 is a 100% active (powder or pellet) internal lubricant processing aid with anti-static properties that is incorporated into the resin. Cel-Span® Process Enhancer 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 Enhancer 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 Enhancer 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 Enhancer 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 Enhancer 101 is packaged in 50 lb. plastic bags and 1,000 lb. Gaylord boxes. We recommend this product be kept closed and stored in the original container, away from light, heat and highly humid environments.

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