

CEL-SPAN®

Process Aid 610L



PHOENIX

Plastics™

www.phoenixplastics.com

Cel-Span® Process Aid 610L

Productivity increasing additive for various polyolefin resins in injection applications.

Cel-Span® Process Aid 610L is a processing concentrate in a compatible resin carrier used in extrusion and injection processes to enhance flow and reduce the processing temperature while increasing productivity for all types of polyolefin resins. Cel-Span® Process Aid 610L contains a unique additive that enhances the flow characteristics of polyolefin resins, reduces cycle time, while improving mold filling in multiple cavity molds. In extrusion and blow molding applications, Cel-Span® Process Aid 610L enhances flow and reduces processing temperature of polyolefin resins as much as 30 to 50 degrees. This reduction in processing and melt temperatures results in less polymer degradation, better color, lower cycle time and higher output especially in sheet, injection molding, and blow molding applications, and extrusion applications.

Applications: Extrusion - Blow Molding - Injection Molding - Compounding

Melt Flow: 20 LDPE (grams/ 10min.), at 190°F

Blend Density: 0.955 g/cc

Types of Resins: Polyolefins

Amount Required: 2%

Features and Benefits:

- Lowers cycle time
- Increases physical integrity of the base resin
- Lowers processing temperatures

Cel-Span® Process Aid 610L recommended usage level is 1 to 2 %. Adjust machine conditions so that the work energy is maintained in the screw. We also recommend that a 15°F – 20°F drop in the front zone, 5°F – 10°F in the rear zones as the initial starting point for the Cel-Span® Process Aid 610L. Please follow the instructions supplied with this product. The additives in Cel-Span® Process Aid 610L are listed on the TASCAs list and are RoHs compliant. There are no adverse health effects from the use of this product. Cel-Span® Process Aid 610L is packaged in 50 lb. bags or 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.

