

CEL-SPAN®

**FR 739**



Cel-Span® FR 739 contains a superior non-halogen flame retardant concentrate system for transparent, polycarbonate compounds. Cel-Span® FR 739 concentrate, when diluted in the recommended levels, meets Underwriters' Laboratories (UL) 94V0 flame retardant requirements up to 1/32 thin sections. For thin sections, in addition to Cel-Span® FR 739, we recommend Cel-Span® FR 739 at 7-8% levels to achieve the UL 94V0 requirement.

**Physical Properties:**

Pellet Shape: 1/8 strand cut

Color: Transparent

LDR: 2-3%\*

\*Final levels to be optimized by customers for a specific UL 94 V0 rating which is dependent on the polycarbonate resins, additives, and part design.



**APPLICATIONS:**

Cel-Span® FR 739 is a diluted concentrate of a unique potassium salt and does not affect the transparency of polycarbonate resin since the additive has the same refractive index as the resin. Cel-Span® FR 739 is used for electronic markets, military, and aircraft applications, where clarity and flame retardants are requirements. Since Cel-Span® FR 739 is used at low levels the cost to produce a flame retardant PC is minimal.

No adverse health effects from Cel-Span® FR 739 are known. All the additives in Cel-Span® FR 739 are GRAS and TSCA listed.

Cel-Span® FR 739 is packaged in 110 pound fiber drums with aluminum liners. We recommend that this product be kept closed in a dry location for functional use and ease of handling. Compliance to these recommendations will mean no further need for drying the concentrate prior to molding.

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 describes 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 AxiPolymer 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.