Cel-Span® FR 600 is a unique product that is a halogen-free HDPE compound. This product is produced with a fractional melt HDPE and with a 0.949 density hexene base with excellent chemical resistance, ESCR, and impact properties. This unique compound exhibits excellent thermal properties, low specific gravity and UL94 rating of VO at 1/16 (3.2mm) thickness parts.

**APPLICATIONS:**
This is an innovative product recommended for blow molding and extrusion applications. Profile applications include windows, wall moldings, and electrical conduit. Blow molding applications include indoor stadiums and theater plastic chairs.

**PROCESS CONDITIONS:**
The unique non-halogen additives in the Cel-Span® FR 600 series, work by intumescences chemistry and char formation initiated upon heating at elevated temperatures of 500° - 1200 °F. We recommend that the barrel zone temperatures be set at 360 - 380 ° F for optimum processing. A mold temperature of 110 - 150 ° F should be used for optimum molding quality.

No adverse health effects from the use of Cel-Span® FR 600 are known. All additives in this unique formulation are located in the Code of Federal Regulations and have GRAS status.

Cel-Span® FR 600 is packaged in 50 lb. bags and 1000 lb. Gaylord boxes. We recommend that this product be kept closed in its original container or package in a dry location for optimum functional use and ease of handling.

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.

www.axipolymer.com
info@axipolymer.com
Montréal: +1 (514) 839 4955
Toronto: +1 (647) 491 7979