

CEL-SPAN®

FR 625



Cel-Span® FR 625 is a UL-certified material for the United States and Canada. This material is a V0 halogen-free modified co-polymer polypropylene compound, tailored for injection molding and extrusion applications.

PHYSICAL PROPERTIES OF MOLDED TEST BARS AT 1/8"		
	ASTM TEST	VALUE
MI Cond. E		1.2
Density		1.184
UL 94 at (1/8 & 1/16")		V0
% Elongation at Break		42
Tensile Strength at Peak, psi		7733
Stress @ yield (max load), psi		9481
Modulus (Aunt Young's), kpsi		1096
Notch Izod (1/8) ft/lb/in		1.54



APPLICATIONS:

This unique product is recommended for electrical sockets, timers, and light fixtures, plus electrical conduit, both smooth and corrugated.

The proprietary flame additive in Cel-Span® FR 625 works by intumescences chemistry, which is initiated by heat. This chemical reaction forms a char barrier and thus excludes oxygen from the fuel and temperature sources.

PROCESS CONDITIONS:

We recommend that the barrel zone temperatures be set at 360°- 380°F for optimum processing of electrical conduit both smooth and corrugated types.

No adverse health effects from the use of Cel-Span® FR 625 are known. All additives in this formulation are located in the Code of Federal Regulations and have GRAS status. This material is also UL-certified under U.S. code QMFZ2.E308490, and Canadian code QMFZ8.E308490.

Cel-Span® FR 625 is packaged in 55 pound bags and 1000 pound 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.