

CEL-SPAN®

FR 789



Cel-Span® FR 789 is a flame retardant concentrate specifically designed and tailored for Polyester Fibers. Thermoplastic Polyester Fibers produced from Cel-Span® FR 789 and converted into needle punch fabric meet both NPFA 702 Vertical Burn Testing and at lower levels Horizontal Burn Testing.



Polyester Fiber

Crimped Fiber

Polyester Needle Punch



NFPA 701 Vertical Burn Test: Cel-span® FR 789 gives self-extinguishing needle punch fibers in 6-8 seconds from the time the flame is introduced. No drip and smoking!

Cel-Span® FR 789 does not adversely influence Ultraviolet Stability, impart yellowing to the fibers or change the shade of colorants used to pigment the fiber. Cel- Span® FR 789 does not cause smoking at the die and does not adversely affect down stream operations of post drawing, crimping and long term storage of the fabric.

APPLICATIONS:

This concentrate is designed to be compounded directly with SSP Polyester Fiber Chip to produce fine denier Fibers. Primary applications are the clothing, military, carpet, automotive and building applications where flammability requirements are required especially the upholstery markets.

No adverse health affects from the use of Cel-Span® FR 789 are known. All the additives in Cel-Span® FR 789 are GRAS and TSCA approved.

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.