

Product Bulletin

supresta™
BUILT-IN DEFENSE

Fyrol® A117

Fyrol®
Flame Retardants

Chemical Name: Proprietary blend of phosphate esters

Fyrol Product Selector

	Key polyurethane foam application	Key characteristic
6	Rigid, flexible-flame lamination	Reactive flame retardant.
38	Flexible	Low scorch.
FR-2	Flexible	Excellent hydrolytic stability, low volatility, low fogging, and processing characteristics.
FR-7	Flexible	Good compression set, IFD and scorch properties, low volatility, low scorch, and good processing characteristics.
HF-4	Flexible	Halogen-free, low scorch with good compression set and IFD properties. Recommended for Cal 117 and MVSS 302 foams.
PCF	Rigid, flexible-BS5852	Excellent hydrolytic stability.
PNX	Flexible	Highly efficient halogen-free flame retardant.
TEP	Rigid	Halogen-free flame retardant, excellent viscosity reducer for high viscosity polyols.

Overview

Fyrol® A117 is an additive flame retardant for polyurethanes used in furniture applications.

Key Applications

Fyrol® A117 is a very efficient additive flame retardant recommended for use in Cal 117 PU foam formulations.

Typical Properties

Physical appearance	clear, transparent liquid
Color, apha	approx. 100
Phosphorus content, % wt.	10.7
Chlorine content, % wt.	33
Acidity, mg KOH/g	approx. 0.2
Water content, % wt.	approx. 0.1
Viscosity at 25°C, mPa.s	approx. 1000
Density at 25°C, kg/m ³	1390

Safety & Handling

Consult the Material Safety Data Sheet for this product.

Shipping Information

Available in bulk, 1350 kg IBC, and 280 kg drums.

For more information about our products and to place an order, please contact one of Supresta's regional sales offices.

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