

## FLAME RETARDANT SELECTION GUIDE

PRODUCT	FR TYPE	ACTIVE ELEMENTS	FORM	% SOLIDS	рН	WATER BASED Systems	SOLID & HOT MELT SYSTEMS	BINDER Compatibility	HEAT STABILITY	WASH DURABILITY
Ulterion® AP	Condensed Phrase	P, N	Low Viscosity Liquid	45	6.5	~	$\Diamond$	Fair	Fair	Poor
Ulterion® APS	Condensed Phrase / Dilution	P, N	Low Viscosity Liquid	50	6.8	<b>V</b>	$\Diamond$	Fair	Good	Poor
Ulterion® APO	Condensed Phrase	P, N	Low Viscosity Liquid	32	6	~	$\Diamond$	Good	Good	Fair
Ulterion® APH	Condensed Phrase / Vapor Phase	P, N, Br	Low Viscosity Liquid	43	5.5	~	$\Diamond$	Poor	Poor	Poor
Ulterion® N-1000	Condensed Phrase	P,	Viscous Liquid	93	3.5	~	$\bigcirc$	Excellent	Very Good	Very Good
Ulterion® N-2000	Condensed Phrase	P	Highly Viscous Liquid	100	N/A	~	~	Excellent	Very Good	Very Good
Ulterion® Br	Vapor Phrase	Br	Solid*	100	N/A	<b>✓</b>	<b>~</b>	Good**	Excellent	Good***
Ulterion® Rx (AC Series)	Vapor Phrase	Br	Liquid	45	9	<b>V</b>	$\Diamond$	Good**	Excellent	Good***

<sup>\*</sup>NOTE: ULTERION® Br is available in pellets, or as a water-dispersible powder (ULTERION® Br WT-100)

\*\*NOTE: Compatible under neutral to alkaline pH's

\*\*\*NOTE: Improves greatly with inclusion of melamine/ urea formaldehyde cross-linker

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