

An extensive range  
of non-halogenated  
flame retardants  
**EXOLIT® OVERVIEW**



# Exolit® Overview

## An extensive range of non-halogenated flame retardants

Product	Description	THERMOPLASTICS					THERMOSETS					OTHER APPLICATIONS				FIRE PROTECTION SYSTEMS		Product
		Polyamide	Elastomers	Poly-ethylene	Poly-propylene	Polyester	Poly-urethanes	UP resins	Phenolic resins	Epoxy resins	Rubber, Elastomers	Latex	Paper, Wood	Textiles, Carpets	Viscose	Adhesives, Dispersions, Sealants	Intumes-cent Coatings	
Exolit AP 420	Aqueous solution of ammonium polyphosphate (APP)																	Exolit AP 420
Exolit AP 422	Fine-grained white APP powder with low water solubility			■	■		■	■	■	■	■					■	■	Exolit AP 422
Exolit AP 423	Micronized AP 422, especially fine powder			■	■		■	■	■	■	■					■	■	Exolit AP 423
Exolit AP 462	Microencapsulated AP 422 with extremely low water solubility						■	■		■						■	■	Exolit AP 462
Exolit AP 740	APP blend with synergists for light weight UP resins and gel coats							■								■		Exolit AP 740
Exolit AP 742	APP blend with synergists for light weight UP resins and gel coats							■								■		Exolit AP 742
Exolit AP 750	Intumescent system based on APP, especially for thermoset polymers		■				■			■							■	Exolit AP 750
Exolit AP 760	Intumescent system based on APP for polypropylene injection moulding applications		■	■	■		■											Exolit AP 760
Exolit AP 765 (TP)	Intumescent system based on APP, especially for reinforced and extrusion applications		■	■	■													Exolit AP 765 (TP)
Exolit AP 766 (TP)	Intumescent system based on APP, especially for reinforced and extrusion applications		■	■	■													Exolit AP 766 (TP)
Exolit OP 550	Highly effective reactive, non-halogenated phosphorus polyol, functionality approx. 2						■			■						■		Exolit OP 550
Exolit OP 560	Highly effective reactive, non-halogenated phosphorus polyol, functionality approx. 2						■											Exolit OP 560
Exolit OP 930	Phosphinate, fine grained white powder especially developed for epoxy laminate systems		■							■	■					■		Exolit OP 930
Exolit OP 935	Finer grained version of OP 930, especially developed for epoxy laminate systems		■							■	■					■		Exolit OP 935
Exolit OP 950	Phosphinate, white powder which melts					■												Exolit OP 950
Exolit OP 1230	Highly stable phosphinate flame retardant for high temperature nylons	■	■													■		Exolit OP 1230
Exolit OP 1240	Phosphinate flame retardant for polyester injection moulding applications		■			■												Exolit OP 1240
Exolit OP 1311	Phosphinate flame retardant system for reinforced polyamide 6	■	■															Exolit OP 1311
Exolit OP 1312	Phosphinate flame retardant system for reinforced polyamide 6 and polyamide 66	■	■															Exolit OP 1312
Exolit OP 1314	Phosphinate flame retardant system for reinforced polyamide 6 and polyamide 66	■																Exolit OP 1314
Exolit RP 614 PK (TP)	Stabilized, micro encapsulated red phosphorus as a wet filtercake											■		■		■		Exolit RP 614 PK (TP)
Exolit RP 6500	Thixotropic dispersion (carrier: epoxy resin) of red phosphorus									■						■		Exolit RP 6500
Exolit RP 6520	Thixotropic dispersion (carrier: castor oil) of red phosphorus						■									■		Exolit RP 6520
Exolit 5060 PK	Organic non-halogenated phosphorus flame retardant, especially for incorporation into viscose fibres (press cake)														■			Exolit 5060 PK
Viscofil® Exolit 5060	Organic non-halogenated phosphorus flame retardant, especially for incorporation into viscose fibres (dispersion)														■			Viscofil® Exolit 5060
PU 6580*	Thixotropic dispersion (carrier: TCPP) of red phosphorus						■											PU 6580*

■ = Established application      TP = Test product, scale-up to commercial quantities within a short time  
 ■ = Development application      \* = Contains halogen

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