

Additives
Flame Retardants



Exactly your chemistry.

Exolit[®] Overview

An extensive range of non-halogenated flame retardants

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		THERMOPLASTICS				
Product	Description	Polyamide	Elastomers	Poly-ethylene	Poly-propylene	Polyester
Exolit AP 420	Aqueous solution of ammonium polyphosphate (APP)					
Exolit AP 422	Fine-grained white APP powder with low water solubility			■	■	
Exolit AP 423	Micronized AP 422, especially fine powder			■	■	
Exolit AP 462	Microencapsulated AP 422 with extremely low water solubility					
Exolit AP 740	APP blend with synergists for light weight UP resins and gel coats					
Exolit AP 742	APP blend with synergists for light weight UP resins and gel coats					
Exolit AP 750	Intumescent system based on APP, especially for thermoset polymers		■			
Exolit AP 760	Intumescent system based on APP for polypropylene injection moulding applications		■	■	■	
Exolit AP 765 (TP)	Intumescent system based on APP, especially for reinforced and extrusion applications		■	■	■	
Exolit AP 766 (TP)	Intumescent system based on APP, especially for reinforced and extrusion applications		■	■	■	
Exolit OP 550	Highly effective reactive, non-halogenated phosphorus polyol, functionality approx. 2					
Exolit OP 560	Highly effective reactive, non-halogenated phosphorus polyol, functionality approx. 2					
Exolit OP 930	Phosphinate, fine grained white powder especially developed for epoxy laminate systems		■			
Exolit OP 935	Finer grained version of OP 930, especially developed for epoxy laminate systems		■			
Exolit OP 950	Phosphinate, white powder which melts					■
Exolit OP 1230	Highly stable phosphinate flame retardant for high temperature nylons	■	■			
Exolit OP 1240	Phosphinate flame retardant for polyester injection moulding applications		■			■
Exolit OP 1311	Phosphinate flame retardant system for reinforced polyamide 6	■	■			
Exolit OP 1312	Phosphinate flame retardant system for reinforced polyamide 6 and polyamide 66	■	■			
Exolit OP 1314	Phosphinate flame retardant system for reinforced polyamide 6 and polyamide 66	■				
Exolit RP 607	Specially treated red phosphorus powder	■				
Exolit RP 614 PK (TP)	Stabilized, micro encapsulated red phosphorus as a wet filtercake					
Exolit RP 6500	Thixotropic dispersion (carrier: epoxy resin) of red phosphorus					
Exolit RP 6520	Thixotropic dispersion (carrier: castor oil) of red phosphorus					
Exolit 5060 PK	Organic non-halogenated phosphorus flame retardant, especially for incorporation into viscose fibres (press cake)					
Viscofil® Exolit 5060	Organic non-halogenated phosphorus flame retardant, especially for incorporation into viscose fibres (dispersion)					
PU 6580*	Thixotropic dispersion (carrier: TCPP) of red phosphorus					

■ = Established application
 ■ = Development application

TP = Test product, scale-up to commercial quantities within a short time
 * = Contains halogen

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