

QUALITY PERFORMS.



Solutions for versatile applications

Additives for thermoplastics



QUALITY WORKS.

LANXESS
Energizing Chemistry

ADDITIVES FOR THERMOPLASTICS

Additives	Chemical description	PVC-U	Cellu- losics	TPU	PE	PP	TPE	PC
Plasticizers & processing aids								
Uniplex 171	o/p-Toluene sulfonamide							
Uniplex 214	N-n-butylbenzenesulfonamide							
Uniplex 809	PEG di-2-ethylhexanoate							
Uniplex 810	PEG dilaureate							
Triacetin	Glycerol triacetate		■					
Uniplex 512	Neopentyl glycol dibenzoate							
Uniplex 80	Triethyl citrate		■					
Uniplex 83	Tri-n-butyl citrate		■					
Uniplex 84	Acetyl tri-n-butyl citrate		■					
Baymod® PU	Polyester urethane	■						
Catalyst								
Addocat® 201	Dibutyltin-dilaurate (DBTL)			■				
Crosslinking agents								
Addolink® 30/10	Hydroquinone (2-hydroxyethyl) ether			■				
Addolink® THPE	1,1,1-Tris-(parahydroxyphenyl) ethane							■
Hydrolysis stabilizers								
Stabaxol® I	Monomeric carbodiimide			■				
Stabaxol®P 200	Oligomeric carbodiimide			■				
Stabaxol® P	Polymeric carbodiimide			■			■	
Stabaxol® P 100	Polymeric carbodiimide						■	
Stabaxol® P 400	Polymeric carbodiimide						■	
Antistatic agents								
Mersolat® H 95	Sodium alkane sulfonate	■				■		
Mersolat® H 30, 40 and 68	Sodium alkane sulfonate solutions	■				■		
Chemical blowing agents								
Genitron® EP Extrusion	Azodicarbonamide preparations	■		■	■	■	■	
Genitron® Endothermic	Sodium bicarbonate preparations	■		■	■	■	■	
Genitron® Masterbatches	Masterbatches of chemical blowing agents	■		■	■	■	■	
Genitron® Exothermic	Azodicarbonamide preparations	■		■	■	■		
Flame retardants – phosphorus-based								
Disflamol® TP	Triphenyl phosphate		■					
Disflamol® DPK	Cresyl diphenyl phosphate		■	■				
Disflamol® DPO	2-Ethylhexyl diphenyl phosphate		■					
Disflamol® TOF	Tris-(2-ethylhexyl) phosphate		■				■	
Disflamol® 51092	Butylated triphenyl phosphate		■	■				
Reofos® 35	Isopropylated triphenyl phosphate		■	■				
Reofos® 50	Isopropylated triphenyl phosphate		■	■				
Reofos® 65	Isopropylated triphenyl phosphate		■	■				
Reofos® 95	Isopropylated triphenyl phosphate		■	■				
Uniplex FRX 44-94	N and P-containing powder blend				■		■	
Flame retardants – brominated								
Uniplex FRP 64	Poly(2,6-dibromophenylene) oxide							
Uniplex FRP 45	Di-(2-ethylhexyl) tetrabromophthalate	■					■	

*) More and detailed information on request

PC/ ABS	POM	PLA	PET	PBT	PA	Thermo- sets	Food contact*	Highlight
					■	■		Especially suitable for thermosets
					■			Preferred plasticizer for polyamide
			■	■	■			Liquid
			■	■	■			Liquid above 24°C
							■	Cellulose acetate
			■	■				Solid plasticizer
								Processing aid and plasticizer
								Multi-purpose citrate
								Multi-purpose citrate
	■						■	Plasticizing polymer
								Accelerates urethane bonding formation
								Outstanding mechanical properties
								Excellent blow molding and extrusion
		■	■					Excellent extension of material service life
								Excellent extension of material service life, liquid, water-soluble
	■	■	■	■	■			Excellent extension of material service life
		■	■	■	■			Excellent extension of material service life
		■	■	■	■			Excellent extension of material service life, high thermal stability
							■	Flakes, long-term antistatic properties
							■	Water-based solutions for temporary antistatic properties
								Efficient blowing agents for extrusion / injection molding
							■	ADC-free for coating / extrusion / injection molding
								Dust-free concentrates for ease of handling / improved dispersion
								Efficient blowing agents for coating / extrusion / injection molding
■						■		Supply form pellets or melt
■						■		Excellent flame retardance
								Light-fast
								Excellent cold flexibility, alternative to oil-based processing aids
■						■		Excellent flame retardance, low odor
■						■		Low viscosity
■						■		Excellent flame retardance
■						■		Excellent flame retardance
■						■		Low volatility
						■		Fine particle size, light-fast
			■	■	■			Brominated polymer, little discoloration
						■		Outstanding thermostability, good hydrolytic stability, low volatility

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