

QUALITY PERFORMS.



Solutions for versatile applications

Additives for polyvinyl chloride



QUALITY WORKS.

LANXESS
Energizing Chemistry

ADDITIVES FOR POLYVINYL CHLORIDE

Additives	Chemical description	Coating				Metal coating			Extrusion	Calendering	Dipping	Rotational molding	Food contact*	Characteristics
		Textile	Artificial leather	Wall covering	Flooring	Coil coating	Auto-motive	Capsules						
Plasticizers														
Mesamoll®	Alkyl sulfonic phenyl ester	■	■		■	■	■		■	■	■	■	■	General-purpose
Mesamoll® II	Alkyl sulfonic phenyl ester	■	■	■	■	■	■		■	■	■	■	■	Lower volatility
Mesamoll® 51067	Mixture of alkyl sulfonic phenyl ester								■	■	■	■	■	High gelation speed
Adimoll® DO	Di-(2-ethylhexyl) adipate								■	■	■	■	■	Low-temperature flexibility
Adimoll® DB	Di-(n-butyl) adipate													Secondary plasticizer
Adimoll® BO	Benzyl-(2-ethylhexyl) adipate	■	■	■	■	■	■		■	■	■			Low-temperature flexibility, faster fusion
Triacetin	Glycerol triacetate												■	Cellulose acetate
Unimoll® AGF	Mixture of glycerol acetate	■	■	■	■				■	■	■	■	■	Sensitive applications
Acetine 51035	Glycerol triacetate								■					Technical applications
Uniplex 354	2,2,4-Trimethylpentane-1,3-diol dibenzoate	■	■	■	■									Bleed resistance, plastisol printing
Uniplex 84	Acetyl tri-n-butyl citrate								■	■		■	■	Multi-purpose citrate
Uniplex 546	Tris-(2-ethylhexyl) trimellitate						■	■	■	■				Low volatility, high temperature
Uniplex DOS	Di-(2-ethylhexyl) sebacate								■	■	■			Low volatile, low-temperature flexibility
Ultramoll® IV MV	Adipic polyester	■	■	■					■	■	■	■	■	Low migration, faster gelation
Ultramoll® IV	Adipic polyester	■	■	■					■	■	■	■	■	Low migration
Ultramoll® IV HV	Adipic polyester								■	■	■	■	■	Higher extraction and migration resistance
Ultramoll® V LV	Adipic polyester	■	■	■					■	■				Low migration, faster gelation
Ultramoll® V MV	Adipic polyester	■	■	■					■	■				Low migration
Ultramoll® V HV	Adipic polyester								■	■				Higher extraction and migration resistance
Baymod® PU	Polyester urethane				■				■	■			■	Plasticizing polymer
Bonding agents														
Bonding agent 2005	Polyisocyanurate in solvent	■												Very high-performance
Bonding agent 51099	Polyisocyanurate in isononyl benzoate	■												High-performance
Bonding agent 51066	Polyisocyanurate in Mesamoll II	■												Phthalate-free
Bonding agent 51030	Polyisocyanurate in DINP	■												Formulation in DINP
Antistatic agents														
Mersolat® H types	Sodium alkane sulfonates								■	■			■	H30, H40, H68 and H 95
Chemical blowing agents														
Genitron®	ADC blends (depending on type)		■	■	■				■			■		Azodicarbonamide formulation
Genitron®	SBC blends (depending on type)		■	■	■				■			■	■	Azodicarbonamide-free formulation
Flame retardants – Phosphorus-based														
Disflamoll® DPK	Cresyl diphenyl phosphate	■	■	■	■				■	■		■		Excellent flame retardance
Disflamoll® TKP	Tricresyl phosphate	■			■				■	■		■		Very low gelling temperature
Disflamoll® DPO	2-Ethylhexyl diphenyl phosphate	■	■	■	■				■	■	■	■	■	Low smoke density in PVC
Disflamoll® TOF	Tris-(2-ethylhexyl) phosphate	■		■	■				■					Excellent low-temperature flexibility
Disflamoll® 51036	Phosphate ester blend	■	■		■				■	■				Designed for artificial leather
Disflamoll® 51092	Butylated triphenyl phosphate	■	■	■	■				■	■		■		Excellent flame retardance, low odor
Reofos® 35	Isopropylated triphenyl phosphate	■	■	■	■						■	■		Low viscosity
Reofos® 50	Isopropylated triphenyl phosphate	■	■	■	■				■	■	■	■		Excellent flame retardance
Reofos® 65	Isopropylated triphenyl phosphate	■	■	■	■				■	■	■	■		Excellent flame retardance
Reofos® 95	Isopropylated triphenyl phosphate								■	■	■			Low volatility
Flame retardants – Brominated														
Uniplex FRP 45	Di-(2-ethylhexyl) tetrabromo phthalate								■	■				Outstanding thermostability, low volatility

*) See EU Directives and limitations, detailed information on request

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