

# 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		
		Textile	Artificial leather	Wall covering	Flooring	Coil coating	Auto-motive	Capsules
<b>Plasticizers</b>								
Mesamoll®	Alkylsulfonic phenyl ester	■	■		■	■	■	
Mesamoll® II	Alkylsulfonic phenyl ester	■	■	■	■	■	■	■
Mesamoll® 51067	Blend of alkyl sulfonic ester						■	
Adimoll® DO	Di-(2-ethylhexyl) adipate							■
Adimoll® DB	Di-(n-butyl) adipate							
Adimoll® BO	Benzyl-(2-ethylhexyl) adipate	■	■	■	■	■	■	
K-FLEX 850P	Dibenzoate blend	■	■	■	■	■	■	
K-FLEX 975P	Dibenzoate blend	■	■	■	■	■	■	
K-FLEX PG	Propylene glycol dibenzoate	■	■		■	■	■	
Unimoll® AGF	Mixture of glycerol acetate	■	■	■	■			■
Ultramoll® IV MV	Adipic polyester	■	■	■			■	■
Ultramoll® IV	Adipic polyester	■	■	■			■	■
Ultramoll® IV HV	Adipic polyester						■	■
Ultramoll® VII LV	Adipic polyester	■	■	■			■	■
Ultramoll® VII MV	Adipic polyester	■	■	■			■	■
Ultramoll® VII HV	Adipic polyester	■	■	■			■	■
Baymod® PU	Polyester urethane				■			
<b>Bonding agents</b>								
Bonding agent 2005	Polyisocyanurate in solvent	■						
Bonding agent 3001	Polyisocyanurate in benzyloctyl adipate	■						
Bonding agent 51066	Polyisocyanurate in Mesamoll® II	■						
Bonding agent 51030	Polyisocyanurate in DINP	■						
Potlife enhancer II	Organic acid chloride in Mesamoll® II	■						
<b>Antistatic agents</b>								
Mersolat® H types	Sodium alkane sulfonates							
<b>Flame retardants – phosphorus-based</b>								
Disflamoll® DPK	Cresyl diphenyl phosphate	■	■	■	■			
Disflamoll® TKP	Tricresyl phosphate	■			■			
Disflamoll® DPO	2-Ethylhexyl diphenyl phosphate	■	■	■	■		■	
Disflamoll® TOF	Tris (2-ethylhexyl) phosphate	■		■	■			
Disflamoll® 51036	Phosphate ester blend	■	■		■		■	
Disflamoll® 51092	Butylated triphenyl phosphate	■	■	■	■		■	
Reofos® 35	Isopropylated triphenyl phosphate	■	■	■	■			
Reofos® 50	Isopropylated triphenyl phosphate	■	■	■	■		■	
Reofos® 65	Isopropylated triphenyl phosphate	■	■	■	■		■	
Reofos® 95	Isopropylated triphenyl phosphate						■	
Reofos® 1800	Blend of triaryl phosphates						■	

\* Detailed information is available on request

Extrusion	Calendering	Dipping	Rotational molding	Food contact*	Characteristics
■	■	■	■	■	General purpose
■	■	■	■	■	Lower volatility than Mesamoll®
■	■	■	■	■	High gelation speed
■	■	■	■	■	Low-temperature flexibility
					Secondary plasticizer
■	■	■			Low-temperature flexibility, fast fusion
■	■	■	■		High gelation speed, stain and extraction resistance
■	■	■	■		High gelation speed, stain and extraction resistance
■	■	■	■		High gelation speed, best stain and extraction resistance
■	■	■	■	■	Sensitive applications
■	■		■	■	Low migration, fast gelation
■	■		■	■	Low migration
■	■		■	■	High extraction and migration resistance
■	■		■	■	Low migration, fast gelation
■	■		■	■	Low migration
■	■		■	■	High extraction and migration resistance
■	■		■	■	Plasticizing polymer
					Very high performance
					High performance
					Phthalate-free
					Formulation in DINP
					Controls plastisol viscosity
■	■			*	Various conc.: H 30, H 40, H 68 and H 95
■	■		■		Excellent flame retardance
■	■		■		Very low gelling temperature
■	■	■	■	■	Low smoke density in PVC compounds
■			■		Excellent low-temperature flexibility
■	■				Designed for artificial leather
■	■		■		Excellent flame retardance, low odor
		■	■		Low viscosity
■	■	■	■		Excellent flame retardance
■	■	■	■		Excellent flame retardance
■	■	■	■		Low volatility
■	■	■	■		Low volatility



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Unless specified to the contrary, the values given have been established on standardized test specimens. The figures should be regarded as guide values only and not as binding minimum values. Kindly note that the results refer exclusively to the specimens tested. Under certain conditions, the test results established can be affected to a considerable extent by the processing conditions and manufacturing process.

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