



Metal Carboxylates

Driers and Additives

Valirex[®] -Ecos ND[®]


 2-EHA-free ✓

Valirex Neo driers

Product	Metal content (%)	Viscosity (dPa.s/25°C)	Solids (min %)	Specific weight (kg/m ³)
Valirex Co 12 Neo D60	12	8-50		1025-1045
Valirex Co 10 Neo D60	10	4		970-1010
Valirex Co 21 Neo D60	21	60	65	1150-1250
Valirex Co 10 Neo X	10	200 max		1000-1040
Valirex co 6 Neo X	6	20 max		930-980
Valirex Zr 12 Neo Premium D60	12	0,5	45	980-1020
Valirex Zr 18 Neo Premium D60	18	15	65	1120-1180
Valirex Li 2 Neo D60	2	10		890-930
Valirex Ba 12,5 D60	12,5	0,8	52	970-1010
Valirex Ca 5 N Neo D60	5	5	55	910-950
Valirex Ca 10 Overbased D60	10	2	40	970-1020
Valirex Ce 10 Neo D60	10	2		980-1020
Valirex Ce 8 Neo SOE	8	300 max	70	970-1010
Valirex Mn 8 Neo Ester	8	70		1000-1040
Valirex Mn 8 Neo Ester LV	8	5 max		1000-1040
Valirex Mn 8 Neo D60	8	800 max	60	960-1010
Valirex Zn 16 Neo d60	16	10 max	75	1030-1070
Valikat Zn 1910	19	1500 @20°C		1100-1140




 2-EHA-free ✓

ECOS driers

Product	Co (ECOS ND [®] 15)	Ca	Zr	Ba	Zn	Li	Mn
ECOS ND [®] 15	4						
ECOS ND [®] 15 5%	5						
ECOS Co 1 Mn 3 Neo Ester	1,0						x
ECOS Co 2 Zr 3 Neo D60	2,0		X				
ECOS Mix PL1 Neo D60	1,9	X			X	X	
ECOS Mix 26 Neo D60	1,1	X	X				
ECOS Sil 413 Neo D60	1,0	X	X				
ECOS Mix 7 Neo D60	1,0			X	X		
ECOS Mix 9 Neo D60	1,0		X	X			
ECOS Mix 103 Neo D60	1,0	X	X		X		
ECOS Mix 633 Neo D60	1,1		X		X		
ECOS Mix 835 Neo D60	0,7	X	X				
ECOS Mix EXPB Neo D60	0,6	X			X		


 2-EHA-free ✓

ECOS driers for aqueous systems

Product	Co (ECOS ND [®] 15)	Ca	Zr	Ba	Zn	Li	Mn
ECOS ND [®] 15 Aqua	3,5						
ECOS Mix 236 Neo Aqua	1,0		X		X		
ECOS Mix 353 Neo Aqua	2,0		X	X			
ECOS Mix 265 Neo Aqua	2,5		X			X	

Single driers and additives

Product	Metal content (%)	Viscosity (dPa.s/25°C)	Solids (min %)	Specific weight (kg/m ³)
Valirex Cobalt				
Co 6 D60	6	0,2	25	880-920
Co 10 D60	10	3	50	980-1020
Co 12 D60	12	5	48	1030-1070
Co 6 Xylene	6	0,2	23	930-960
Co 10 Xylene	10	0,5	50	990-1030
Co 12 Xylene	12	5	48	1030-1070
Valirex Calcium				
Ca 5 Overbased D60	5	0,2	20	870-910
Ca 10 Overbased D60	10	2	40	970-1020
Ca 5 N D60	5	5	45	900-940
Valirex Cerium				
Ce 10 D60 Pure	10	5	45	970-1010
Valirex Manganese				
Mn 6 D60	6	0,65	48 max	860-950
Mn 8 D60	8	1,4 max	50	920-1050
Mn 8 Ester	8	4		990-1030
Mn 8 D40	8	1 max	45	940-990
Mn 10 D60	10	5	80 max	940-1080
Valirex Zinc				
Zn 8 D60	8	0,5	30	870-920
Zn 10 D60	10	0,5	45	920-960
Zn 12 D60	12	0,5	53	960-1000
Zn 8 EP	8	10		960-1000
Zn 10 EP	10	20		980-1020
Zn 22	22	400		1140-1190
Zn 22,5	22,5	35	95	1170-1200
Valirex Copper				
Cu 8 D60	8	5	55	940-1000

Product	Metal content (%)	Viscosity (dPa.s/25°C)	Solids (min %)	Specific weight (kg/m³)
Valirex Zirconium				
Zr 12 D60	12	0,2	35	950-1010
Zr 18 D60	18	2	54	1090-1150
Zr 18 Ester	18	5		1140-1180
Zr 24 D60	24	13	70	1240-1290
Valirex Nickel				
Ni 5 Toluene	5	0,3		950-980
Ni 10 D60	10	2	50	980-1020
Ni 13 D30	13	1,7		1055-1095
Valirex Miscellaneous				
K 15 DEG	15	60		1100-1130
Mo 15	15	3 @ 40°C		

Combination driers

Product	Co (%)	Metal content		Viscosity (dPa.s/25°C)	Specific weight (kg/m³)
		Other	Total (%)		
Valirex Sil 413 D60	1	Ca-Zr	6,8	2,5	920-960
Valirex Co 6 Zr 9 D60	6	Zr	15	2	1050-1100
Valirex Mix 7 D60	1,2	Ba-Zn	11,6	0,5	980-1020
Valirex Mix 9 D60	1,2	Ba-Zr	11,6	0,5	960-1000
Valirex Mix 26 D60	1,2	Ca-Zr	10,2	1	960-1000
Valirex Mix EXPB	0,6	Ca-Zn	4,9	5,5	890-930
Valirex mix 270 EHD	1,3	Ca-Zr	10,9		
Valirex Mix 633 D60	1,2	Ba-Zr-Zn	11,9	0,275	
Valirex Mix 695 D60	2,2	Ba-Zr-Zn	10,7	0,1	960-1000
Valirex Mix 745 D60	1,2	Ca-Li	6,1	0,275	
Valirex Mix 835 D60	0,8	Ca-Zr	8,8	1	940-990
Valirex Mix 1055 D60	1,0	Ca-Zr	11,2	2	980-1010

Driers for aqueous systems

Product	Metal contents		Viscosity (dPa.s/25°C)	Solids (min %)	Specific weight (kg/m ³)	
	Co (%)	Other				Total (%)
Valirex Co 9 Aqua	9	/	9	5	45	980-1020
Valirex Zr 12 Aqua	/	Zr	12	1	45	1030-1070
Valirex Mix 353 Aqua	3	Ba-Zr	11	2	47	980-1050
Valirex Mix T265 Aqua	5	Li-Zr	13	5		1040-1080

Anti skinning agent

Product	Purity (%)	Water Content (%)	
Valirex Noval Next	99 min	0,1 max	MEKO replacement
Valirex Noval Next 2	99 min	0,1 max	MEKO replacement



Valirex driers for inks

Product	Metal content (%)	Viscosity (dPa.s/25°C)	Specific weight (kg/m ³)
Valirex Cerium			
Ce 8 Neo Ester	8	3	970-1010
Ce 10 Ink Oil	10	3	980-1020
Valirex Cobalt			
Co 8 Ester	8	4	970-1010
Co 10 Ester	10	5	1000-1040
Co 6 Ink Oil	6	1	890-930
Co 8 Ink Oil	8	2	950-990
Co 10 Ink Oil	10	3	990-1030
Co 12 Ink Oil	12	15	1020-1060
Valirex Manganese			
Mn 8 Ink Oil	8	5	970-1010
Mn 10 Ink Oil	10	25	1030-1070
Mn 6 Ester	6	1	950-980
Mn 8 Ester	8	4	990-1030
Mn 8 Neo Ester	8	70	1000-1040
Mn 8 Neo Ester LV	8	5	1000-1040
Valirex Mixes			
Co 2 Mn 6 D60		3	940-980
Co 2 Mn 6 Ink Oil		3	960-1000
Co 2 Mn 6 Ester		10	980-1020
Co 2 Mn 6,5 Ink Oil		3	980-1020



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