

Starting point formulation – Pigment concentrates for water-based systems with DISPERBYK-2015

				Pigment	Kemira RD3	Kronos 2310	Bayferrox 3910	Hansa Brilliant Yellow 5GX	Novoperm Yellow HR 70	Paliotol Yellow L 2140 HD
				Supplier	Kemira	Kronos International	Lanxess	Heubach	Heubach	BASF
Position	Component	Supplier	Function	PW 6	PW 6	PY 42	PY 74	PY 83	PY 139	
1	Water		Solvent	17.30	17.30	30.10	28.90	28.90	52.00	
2	Preservative		Preservation	0.10	0.10	0.10	0.10	0.10	0.10	
3	DISPERBYK-2015	BYK	Wetting and dispersing	5.90	5.90	13.80	30.00	30.00	21.90	
4	BYK-012	BYK	Defoaming	0.50	0.50	0.50	1.00	1.00	1.00	
5	RHEOBYK-7420 CA	BYK	Anti-settling	0.50	0.50	0.50	-	-	-	
6	Pigment	See headline	Color	70.00	70.00	55.00	40.00	40.00	25.00	
7	Water (after grinding)		Solvent	5.70	5.70	-	-	-	30.00	
Total				100.00	100.00	100.00	100.00	100.00	100.00	

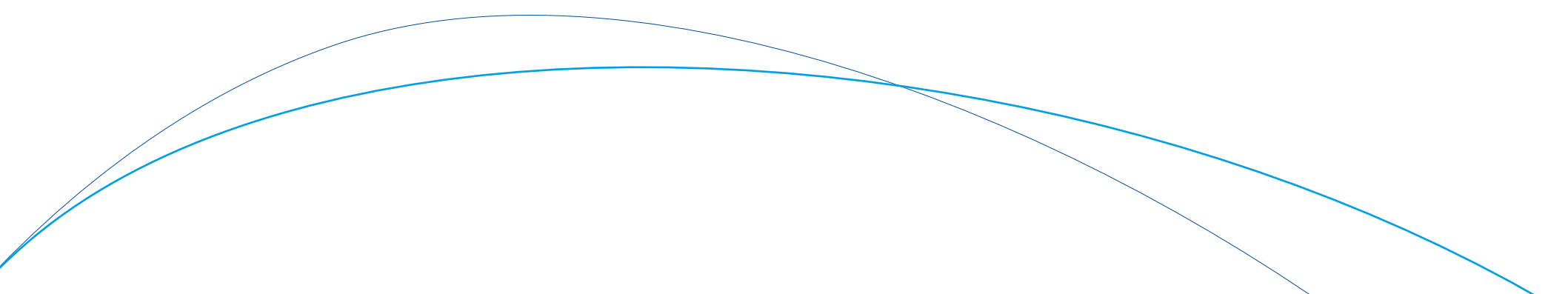
Instructions

Premix position 1–5, add pigment and disperse well (beads are recommended), add position 7 under stirring.

Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2015	3.40 %	3.40 %	10.00 %	30.00 %	30.00 %	35.00 %
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Position	Component	Supplier	Function	Pigment					
				Novoperm Yellow 4G Heubach	Sicopal Yellow L 1100 BASF	Novoperm Yellow F2G Heubach	Permanent Orange RL 70 Heubach	Novoperm Orange HL 70 Heubach	Paliotol Orange L 2930 HD BASF
				PY 155	PY 184	PY 194	PO 34	PO 36	PO 67
1	Water		Solvent	37.00	23.60	33.90	37.00	37.00	38.90
2	Preservative		Preservation	0.10	0.10	0.10	0.10	0.10	0.10
3	DISPERBYK-2015	BYK	Wetting and dispersing	16.90	25.00	25.00	16.90	16.90	20.00
4	BYK-012	BYK	Defoaming	1.00	1.00	1.00	1.00	1.00	1.00
5	RHEOBYK-7420 CA	BYK	Anti-settling	-	0.30	-	-	-	-
6	Pigment	See headline	Color	45.00	50.00	40.00	45.00	45.00	40.00
7	Water (after grinding)		Solvent	5.70	-	-	-	-	-
Total				100.00	100.00	100.00	100.00	100.00	100.00

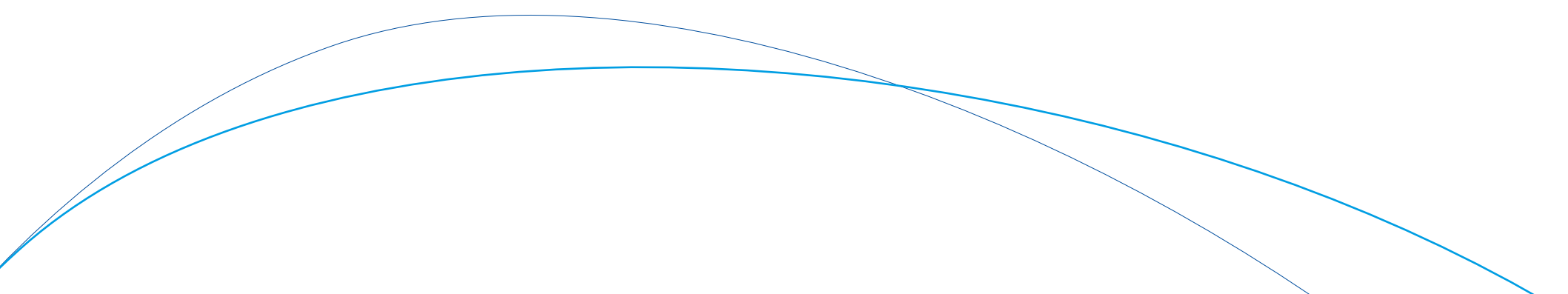
Instructions

Premix position 1–5, add pigment and disperse well (beads are recommended), add position 7 under stirring.

Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2015	15.00 %	20.00 %	25.00 %	15.00 %	15.00 %	20.00 %
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Starting point formulation – Pigment concentrates for water-based systems with DISPERBYK-2015

				Pigment Irgazin Orange L 2990 HD ¹⁾ Supplier BASF	Bayferrox 130 M Lanxess	Novoperm Red F2RK 70 Heubach	Irgazin Red L 3670 HD ²⁾ BASF	Hostaperm Pink E Heubach	Hostaperm Red Violett ER02 Heubach
Position	Component	Supplier	Function	PO 73	PR 101	PR 170	PR 254	PR 122	PV 19
1	Water		Solvent	38.90	23.40	33.90	25.80	46.40	35.00
2	Preservative		Preservation	0.10	0.10	0.10	0.10	0.10	0.10
3	DISPERBYK-2015	BYK	Wetting and dispersing	20.00	15.00	25.00	28.10	17.50	21.90
4	BYK-012	BYK	Defoaming	1.00	1.00	1.00	1.00	1.00	1.00
5	RHEOBYK-7420 CA	BYK	Anti-settling	-	0.50	-	-	-	-
6	Pigment	See headline	Color	40.00	60.00	40.00	45.00	35.00	35.00
7	Water (after grinding)		Solvent	-	-	-	-	-	7.00
Total				100.00	100.00	100.00	100.00	100.00	100.00

Instructions

Premix position 1–5, add pigment and disperse well (beads are recommended), add position 7 under stirring.

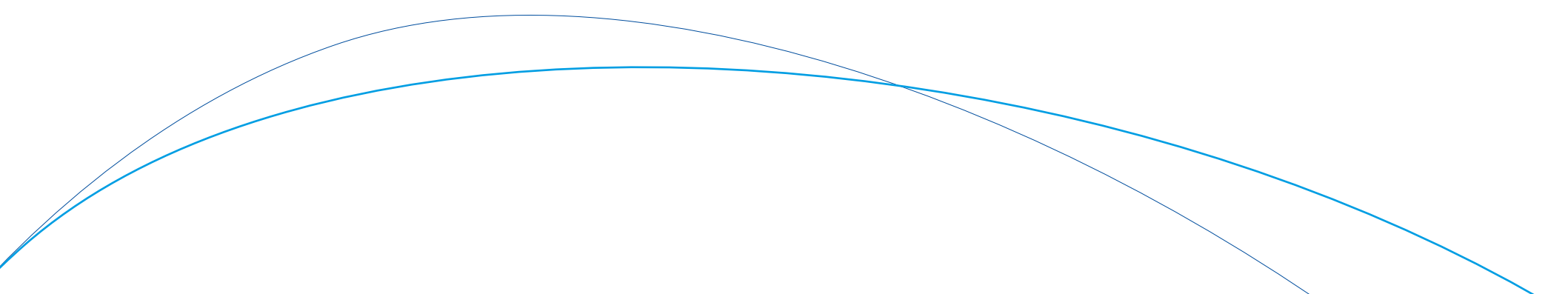
Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2015	12.00 %	10.00 %	25.00 %	25.00 %	20.00 %	25.00 %
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¹⁾ former name: Irgazin DPP Orange RA

²⁾ former name: Irgazin Red 2030



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				Pigment	Hostaperm Violett RL Heubach	Heliogen Blue L 6875 F BASF	Heliogen Blue L 7101 F BASF	Heliogen Green L 8730 BASF	Special black 4 Powder Orion Engineered Carbons	Special black 6 Powder Orion Engineered Carbons
Position	Component	Supplier	Function	PV 23	PB 15:2	PB 15:4	PG 7	PBk 7	PBk 7	
1	Water		Solvent	33.30	33.00	33.00	27.00	48.90	48.90	
2	Preservative		Preservation	0.10	0.10	0.10	0.10	0.10	0.10	
3	DISPERBYK-2015	BYK	Wetting and dispersing	30.60	28.40	28.40	30.90	25.00	25.00	
4	BYK-012	BYK	Defoaming	1.00	1.00	1.00	1.00	1.00	1.00	
5	RHEOBYK-7420 CA	BYK	Anti-settling	-	-	-	-	-	-	
6	Pigment	See headline	Color	35.00	37.50	37.50	41.00	25.00	25.00	
7	Water (after grinding)		Solvent	-	-	-	-	-	-	
Total				100.00	100.00	100.00	100.00	100.00	100.00	

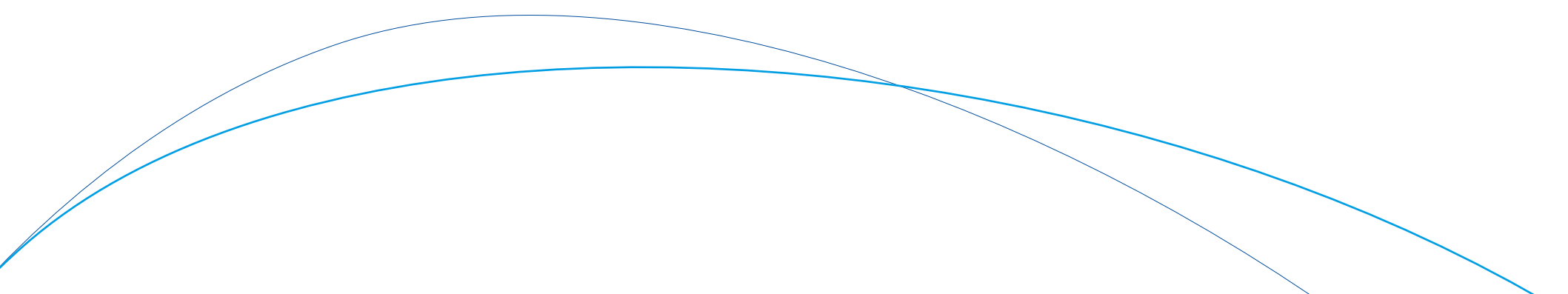
Instructions

Premix position 1–5, add pigment and disperse well (beads are recommended), add position 7 under stirring.

Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2015	35.00 %	30.00 %	30.00 %	30.00 %	40.00 %	40.00 %
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Starting point formulation – Pigment concentrates for water-based systems with DISPERBYK-2015

Position	Component	Supplier	Function	Pigment	Raven
				Colour Black Powder FW 200 Orion Engineered Carbons	420 Birla Carbon
				PBk 7	PBk 7
1	Water		Solvent	44.90	23.90
2	Preservative		Preservation	0.10	0.10
3	DISPERBYK-2015	BYK	Wetting and dispersing	36.00	35.00
4	BYK-012	BYK	Defoaming	1.00	1.00
5	RHEOBYK-7420 CA	BYK	Anti-settling	-	-
6	Pigment	See headline	Color	18.00	40.00
7	Water (after grinding)		Solvent	-	-
Total				100.00	100.00

Instructions

Premix position 1–5, add pigment and disperse well (beads are recommended), add position 7 under stirring.

Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2015	80.00 %	35.00 %
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This issue replaces all previous versions.

