

Starting point formulation – Pigment concentrates for water-borne 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	Sudarshan	Sudarshan	Sun Chemical
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	

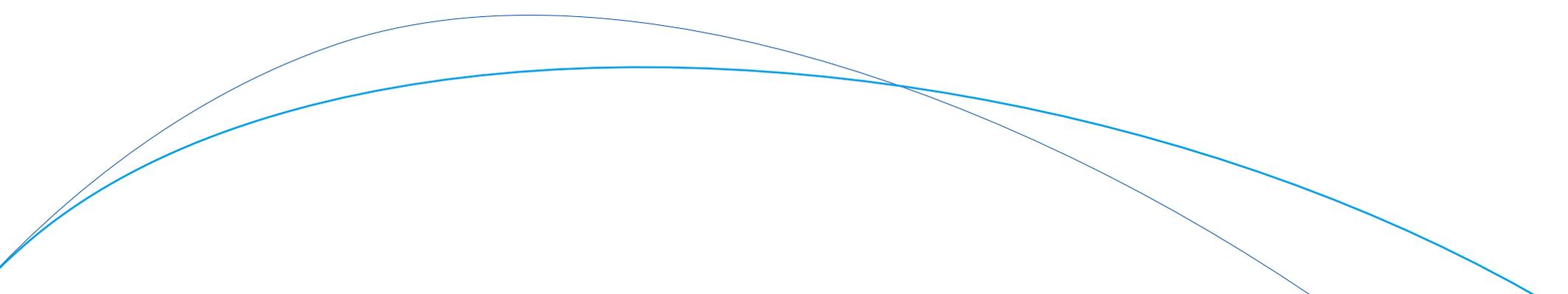
Instructions

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 %
----------------	--------	--------	---------	---------	---------	---------



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

Pigment	Novoperm Yellow 4G	Sicopal Yellow L 1100	Novoperm Yellow F2G	Permanent Orange RL 70	Novoperm Orange HL 70	Paliotol Orange L 2930 HD
Supplier	Sudarshan	Sun Chemical	Sudarshan	Sudarshan	Sudarshan	Sun Chemical

Position	Component	Supplier	Function	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

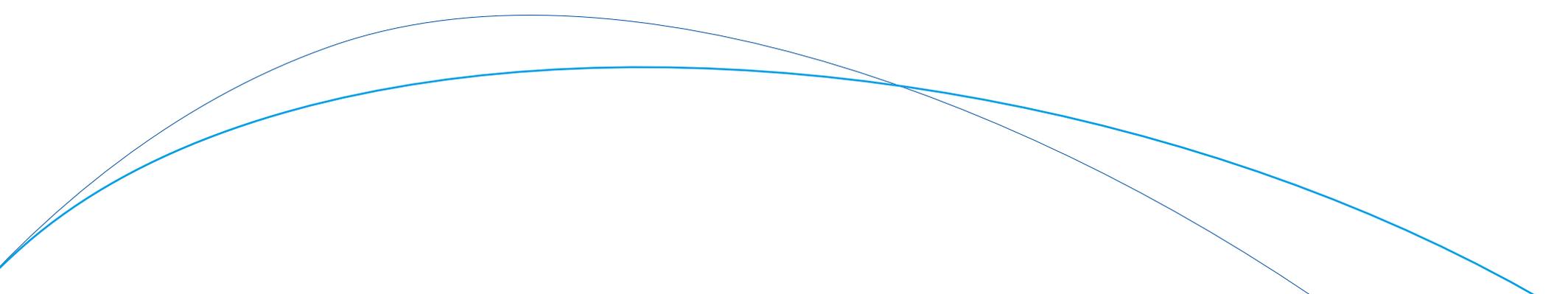
Instructions

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 %
----------------	---------	---------	---------	---------	---------	---------



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

Pigment	Irgazin Orange L 2990 HD ¹⁾	Bayferrox 130 M	Novoperm Red F2RK 70	Irgazin Red L 3670 HD ²⁾	Hostaperm Pink E	Hostaperm Red Violett ER02
Supplier	Sun Chemical	Lanxess	Sudarshan	Sun Chemical	Sudarshan	Sudarshan

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.

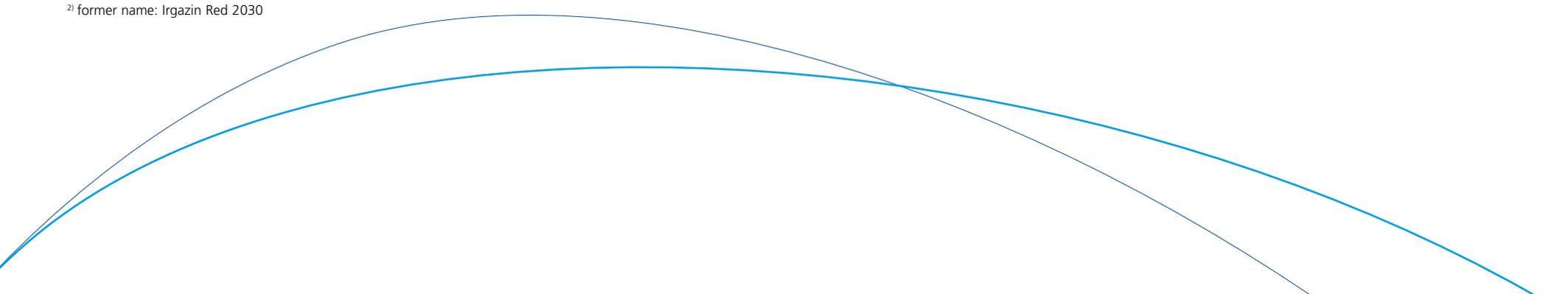
Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2015	12.00 %	10.00 %	25.00 %	25.00 %	20.00 %	25.00 %
----------------	---------	---------	---------	---------	---------	---------

¹⁾ former name: Irgazin DPP Orange RA

²⁾ former name: Irgazin Red 2030



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

				Pigment	Hostaperm Violett RL	Heliogen Blue L 6875 F	Heliogen Blue L 7101 F	Heliogen Green L 8730	Special black 4 Powder	Special black 6 Powder
				Supplier	Sudarshan	Sun Chemical	Sun Chemical	Sun Chemical	Orion Engineered Carbons	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	

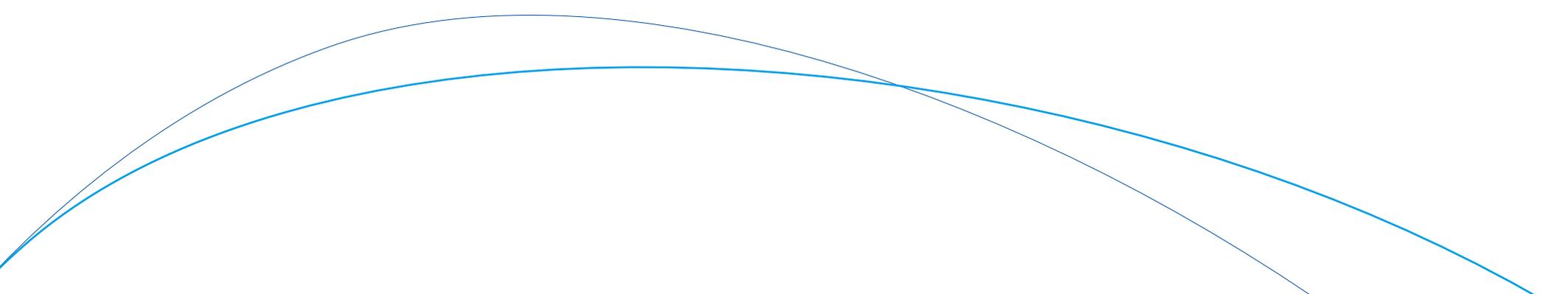
Instructions

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 %
----------------	---------	---------	---------	---------	---------	---------



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

Pigment	Colour Black Powder FW 200	Raven 420
Supplier	Orion Engineered Carbons	Birla Carbon

Position	Component	Supplier	Function	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 %
----------------	---------	---------



Your local
contact

BYK-Chemie GmbH
Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0

info@byk.com
www.byk.com

ANTI-TERRA®, AQUACER®, AQUAMAT®, AQUATIX®, BENTOLITE®, BYK®, BYK-AQUAGEL®, BYK®-DYNWET®, BYK-MAX®, BYK®-SILCLEAN®, BYKANOL®, BYKCARE®, BYKETOL®, BYKJET®, BYKONITE®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CERACOL®, CERAFAK®, CERAFLOUR®, CERAMAT®, CERATIX®, CLAYTONE®, CLOISITE®, DISPERBYK®, DISPERPLAST®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, HORDAMER®, LACTIMON®, LAPONITE®, NANOBYK®, OPTIBENT®, OPTIGEL®, PURABYK®, RECYCLOBYK®, RHEOBYK®, SCONA®, SILBYK®, TIXOGEL® and VISCOBYK® are registered trademarks of the BYK group.

The information contained herein is based on our current knowledge and experience. No warranties, guarantees and/or assurances of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. Any information about suitability, use or application of the products is non-binding and does not constitute a commitment regarding the products' properties, use or application. Contractual terms and conditions, in particular agreed product specifications, always take precedence. We recommend that you test our products in preliminary trials to determine their suitability for your intended purpose prior to use. We reserve the right to make any changes and to update the information herein without notice.

Download
our app:
byk.com/app

