

Starting Formulation

Water-borne pigment concentrates for universal application
using DISPERBYK-2061

Pos.	Component	Supplier	Function	Hansa-brillant yellow 2GX70	Sudafast yellow 122	Novoperm yellow HR 70	Irgalithe yellow D1055	Paliotol yellow L0962HD
				PY 74	PY 74	PY 83	PY 111	PY 138
1	Water		Solvent	37.5	34.5	39.5	35.0	32.0
2	Preservative		Preservative	0.1	0.1	0.1	0.1	0.1
3	BYK-1640	BYK	Defoamer	0.5	0.5	0.5	0.5	0.4
4	DISPERBYK-2061	BYK	Wetting & Dispersing	4.0	4.0	4.0	6.0	10.0
5	OPTIGEL-WX	BYK	Anti-settling	0.3	0.4	0.4	0.3	0.3
6	Sachtleben micro	Sachtleben	Filler	10.0	-	-	10.0	-
7	Pigment & Color Index	see headline	Color	40.0	40.0	40.0	40.0	40.0
8	BYK-1640	BYK	Defoamer	0.2	0.2	0.2	0.2	0.2
9	Water		Solvent	7.4	20.3	15.3	7.9	17.0
				100.0	100.0	100.0	100.0	100.0

Instructions

Premix position 1-5, add pigment/filler and disperse well
(beads are recommended), add position 8-9 under stirring

Characteristic Data

% Additive Dosage (solids on pigment)

DISPERBYK-2061	10.0	10.0	10.0	15.0	25.0
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Pos.	Component	Supplier	Function	Sico orange L 3052 HD	Novoperm orange HL70NF	Paliotol orange L2930HD	Irgazin orange L2990HD	Permanent red FGR 70
				PO 5	PO 36	PO 67	PO 73	PR 112
1	Water		Solvent	27.2	33.0	34.0	28.0	43.0
2	Preservative		Preservative	0.1	0.1	0.1	0.1	0.1
3	BYK-1640	BYK	Defoamer	0.4	0.4	0.4	0.4	0.5
4	DISPERBYK-2061	BYK	Wetting & Dispersing	7.5	7.0	7.0	7.0	5.3
5	OPTIGEL-WX	BYK	Anti-settling	-	0.4	0.4	-	0.4
6	Sachtleben micro	Sachtleben	Filler	-	-	-	-	10.0
7	Pigment & Color Index	see headline	Color	50.0	35.0	35.0	35.0	35.0
8	BYK-1640	BYK	Defoamer	0.2	0.2	0.2	0.2	0.2
9	Water		Solvent	14.6	23.9	22.9	29.3	5.5
				100.0	100.0	100.0	100.0	100.0

Instructions

Premix position 1-5, add pigment/filler and disperse well
 (beads are recommended), add position 8-9 under stirring

Characteristic Data

% Additive Dosage (solids on pigment)

DISPERBYK-2061	15.0	20.0	20.0	20.0	15.1
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Pos.	Component	Supplier	Function	Irgazin red L3670HD	Hostaperm pink E	Sudaperm pink 2997	Sunfast violet 19	Hostaperm violet RL-NF
				PR 254	PR 122	PR 122	PV 19	PV 23
1	Water		Solvent	35.0	60.0	62.0	29.5	28.2
2	Preservative		Preservative	0.1	0.1	0.1	0.1	0.1
3	BYK-1640	BYK	Defoamer	0.5	0.7	0.7	0.4	0.4
4	DISPERBYK-2061	BYK	Wetting & Dispersing	5.3	4.0	4.0	7.5	4.0
5	OPTIGEL-WX	BYK	Anti-settling	0.4	-	-	0.4	0.4
6	Sachtleben micro	Sachtleben	Filler	10.0	-	-	10.0	10.0
7	Pigment & Color Index	see headline	Color	35.0	20.0	20.0	25.0	10.0
8	BYK-1640	BYK	Defoamer	0.2	0.2	0.2	0.2	0.2
9	Water		Solvent	13.5	15.0	13.0	26.9	46.7
				100.0	100.0	100.0	100.0	100.0

Instructions

Premix position 1-5, add pigment/filler and disperse well
 (beads are recommended), add position 8-9 under stirring

Characteristic Data

% Additive Dosage (solids on pigment)

DISPERBYK-2061	15.1	20.0	20.0	30.0	40.0
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Pos.	Component	Supplier	Function	Heliogen blue L6900	Sunfast blue 248-0615	Heliogen blue L7101F	Heuco green 600703	Sunfast green 264-8735L
				PB 15:1	PB 15:2	PB 15:4	PG 7	PG 7
1	Water		Solvent	34.0	30.0	37.0	28.0	38.0
2	Preservative		Preservative	0.1	0.1	0.1	0.1	0.1
3	BYK-1640	BYK	Defoamer	0.5	0.5	0.5	0.4	0.4
4	DISPERBYK-2061	BYK	Wetting & Dispersing	8.8	12.3	8.8	8.8	7.0
5	OPTIGEL-WX	BYK	Anti-settling	0.3	-	0.4	0.5	0.5
6	Sachtleben micro	Sachtleben	Filler	-	-	10.0	-	-
7	Pigment & Color Index	see headline	Color	35.0	35.0	35.0	35.0	35.0
8	BYK-1640	BYK	Defoamer	0.2	0.2	0.2	0.1	0.1
9	Water		Solvent	21.1	21.9	8.0	27.1	18.9
				100.0	100.0	100.0	100.0	100.0

Instructions

Premix position 1-5, add pigment/filler and disperse well
 (beads are recommended), add position 8-9 under stirring

Characteristic Data

% Additive Dosage (solids on pigment)

DISPERBYK-2061	25.1	35.1	25.1	25.1	20.0
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Pos.	Component	Supplier	Function	Heliogen green L8730	Elftex 415	Raven 410	Lamp black 101	Monarch 120
				PG 7	PBk 7	PBk 7	PBk 7	PBk 7
1	Water		Solvent	35.0	24.0	24.0	48.0	39.5
2	Preservative		Preservative	0.1	0.1	0.1	0.1	0.1
3	BYK-1640	BYK	Defoamer	0.5	0.4	0.4	0.5	0.4
4	DISPERBYK-2061	BYK	Wetting & Dispersing	6.0	6.0	6.0	8.0	9.6
5	OPTIGEL-WX	BYK	Anti-settling	0.5	0.4	0.5	0.5	0.3
6	Sachtleben micro	Sachtleben	Filler	10.0	-	-	15.0	-
7	Pigment & Color Index	see headline	Color	40.0	20.0	20.0	20.0	32.0
8	BYK-1640	BYK	Defoamer	0.2	0.1	0.1	0.2	0.1
9	Water		Solvent	7.7	49.0	48.9	7.7	18.0
				100.0	100.0	100.0	100.0	100.0

Instructions

Premix position 1-5, add pigment/filler and disperse well
 (beads are recommended), add position 8-9 under stirring

Characteristic Data

% Additive Dosage (solids on pigment)

DISPERBYK-2061	15.0	30.0	30.0	40.0	30.0
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