

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	Sico orange L 3052 HD	Novoperm orange HL70NF
				PY 74	PY 74	PY 83	PY 111	PY 138	PO 5	PO 36
1	Water		Solvent	37,5	34,5	39,5	35,0	32,0	27,2	33,0
2	Preservative		Preservative	0,1	0,1	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	0,4	0,4
4	DISPERBYK-2061	BYK	Wetting&Dispersing	4,0	4,0	4,0	6,0	10,0	7,5	7,0
5	OPTIGEL-WX	BYK	Anti-settling	0,3	0,4	0,4	0,3	0,3	-	0,4
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	50,0	35,0
8	BYK-1640	BYK	Defoamer	0,2	0,2	0,2	0,2	0,2	0,2	0,2
9	Water		Solvent	7,4	20,3	15,3	7,9	17,0	14,6	23,9
				100,0	100,0	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	15,0	20,0
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Pos.	Component	Supplier	Function	Paliotol orange	Irgazin orange	Permanent red	Irgazin red	Hostaperm pink	Sudaperm pink	Sunfast violet
				L2930HD	L2990HD	FGR 70	L3670HD	E	2997	19
				PO 67	PO 73	PR 112	PR 254	PR 122	PR 122	PV 19
1	Water		Solvent	34,0	28,0	43,0	35,0	60,0	62,0	29,5
2	Preservative		Preservative	0,1	0,1	0,1	0,1	0,1	0,1	0,1
3	BYK-1640	BYK	Defoamer	0,4	0,4	0,5	0,5	0,7	0,7	0,4
4	DISPERBYK-2061	BYK	Wetting&Dispersing	7,0	7,0	5,3	5,3	4,0	4,0	7,5
5	OPTIGEL-WX	BYK	Anti-settling	0,4	-	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	35,0	35,0	35,0	20,0	20,0	25,0
8	BYK-1640	BYK	Defoamer	0,2	0,2	0,2	0,2	0,2	0,2	0,2
9	Water		Solvent	22,9	29,3	5,5	13,5	15,0	13,0	26,9
				100,0	100,0	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 **20,0** **20,0** **15,1** **15,1** **20,0** **20,0** **30,0**

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Pos.	Component	Supplier	Function	Hostaperm violet RL-NF	Heliogen blue L6900	Sunfast blue 248-0615	Heliogen blue L7101F	Heuco green 600703	Sunfast green 264-8735L	Heliogen green L8730
				PV 23	PB 15:1	PB 15:2	PB 15:4	PG 7	PG 7	PG 7
1	Water		Solvent	28,2	34,0	30,0	37,0	28,0	38,0	35,0
2	Preservative		Preservative	0,1	0,1	0,1	0,1	0,1	0,1	0,1
3	BYK-1640	BYK	Defoamer	0,4	0,5	0,5	0,5	0,4	0,4	0,5
4	DISPERBYK-2061	BYK	Wetting&Dispersing	4,0	8,8	12,3	8,8	8,8	7,0	6,0
5	OPTIGEL-WX	BYK	Anti-settling	0,4	0,3	-	0,4	0,5	0,5	0,5
6	Sachtleben micro	Sachtleben	Filler	10,0	-	-	10,0	-	-	10,0
7	Pigment & Color Index	see headline	Color	10,0	35,0	35,0	35,0	35,0	35,0	40,0
8	BYK-1640	BYK	Defoamer	0,2	0,2	0,2	0,2	0,1	0,1	0,2
9	Water		Solvent	46,7	21,1	21,9	8,0	27,1	18,9	7,7
				100,0	100,0	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	40,0	25,1	35,1	25,1	25,1	20,0	15,0
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Pos.	Component	Supplier	Function	ElfteX	Raven	Lamp	Monarch
				415	410	black 101	120
				PBk 7	PBk 7	PBk 7	PBk 7
1	Water		Solvent	24,0	24,0	48,0	39,5
2	Preservative		Preservative	0,1	0,1	0,1	0,1
3	BYK-1640	BYK	Defoamer	0,4	0,4	0,5	0,4
4	DISPERBYK-2061	BYK	Wetting&Dispersing	6,0	6,0	8,0	9,6
5	OPTIGEL-WX	BYK	Anti-settling	0,4	0,5	0,5	0,3
6	Sachtleben micro	Sachtleben	Filler	-	-	15,0	-
7	Pigment & Color Index	see headline	Color	20,0	20,0	20,0	32,0
8	BYK-1640	BYK	Defoamer	0,1	0,1	0,2	0,1
9	Water		Solvent	49,0	48,9	7,7	18,0
				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	30,0	30,0	40,0	30,0
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