

Starting Formulation

Pigment concentrates for water-borne systems using DISPERBYK-191

Pos.	Component	Supplier	Function	Novoperm orange HL70NF	Bayferrox 130F	Permanent red F3RK70	Irgazin red L3660HD	Hostaperm pink E
				PO 36	PR 101	PR 170	PR 254	PR 122
1	Water		Solvent	46.4	21.9	46.4	50.8	57.6
2	Preservative		Preservative	0.1	0.1	0.1	0.1	0.1
3	BYK-021	BYK	Defoamer	1.0	1.0	1.0	1.0	1.0
4	DISPERBYK-191	BYK	Wetting & Dispersing	12.5	8.5	12.5	13.1	11.3
5	Pigment & Color Index	see headline	Color	40.0	68.0	40.0	35.0	30.0
6	RHEOBYK-7420 ES	BYK	Anti-settling	-	0.5	-	-	-
				100.0	100.0	100.0	100.0	100.0

Instructions

Premix position 1-4, add pigment and disperse well
 (beads are recommended), add position 6 under stirring

Characteristic Data

% Additive Dosage (solids on pigment)

DISPERBYK-191	31.3	12.5	31.3	37.4	37.7
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Pos.	Component	Supplier	Function	Sunfast violet 246-0505	Hostaperm violet RL special	Heliogen blue L6901F	Heliogen blue L6905F	Heliogen green L8730
				PV 23	PV 23	PB 15:2	PB 15:2	PG 7
1	Water		Solvent	50.8	50.8	53.9	53.9	46.4
2	Preservative		Preservative	0.1	0.1	0.1	0.1	0.1
3	BYK-021	BYK	Defoamer	1.0	1.0	1.0	1.0	1.0
4	DISPERBYK-191	BYK	Wetting & Dispersing	13.1	13.1	15.0	15.0	12.5
5	Pigment & Color Index	see headline	Color	35.0	35.0	30.0	30.0	40.0
6	RHEOBYK-7420 ES	BYK	Anti-settling	-	-	-	-	-
				100.0	100.0	100.0	100.0	100.0

Instructions

Premix position 1-4, add pigment and disperse well
 (beads are recommended), add position 6 under stirring

Characteristic Data

% Additive Dosage (solids on pigment)

DISPERBYK-191	37.4	37.4	50.0	50.0	31.3
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Pos.	Component	Supplier	Function	Special black 4
				PBk 7
1	Water		Solvent	61.4
2	Preservative		Preservative	0.1
3	BYK-021	BYK	Defoamer	1.0
4	DISPERBYK-191	BYK	Wetting & Dispersing	17.5
5	Pigment & Color Index	see headline	Color	20.0
6	RHEOBYK-7420 ES	BYK	Anti-settling	-
				100.0

Instructions

Premix position 1-4, add pigment and disperse well
 (beads are recommended), add position 6 under stirring

Characteristic Data

% Additive Dosage (solids on pigment)

DISPERBYK-191

87.5

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