

Category	Item	91	92	% Change
Base	Paint	8393	886	10.3%
	VOC	118	878	23.0%
Pigment Loading	Crude	1465	5023	90.1%
	Mill	23	23	0%
Paint	GNP	2836	3404	0.9%
	Crude	1465	5023	90.1%
VOC	Crude	118	878	23.0%
	Mill	23	23	0%
Crude	Crude	1465	5023	90.1%
	Mill	23	23	0%
Mill	Crude	23	23	0%
	Mill	23	23	0%

가

가

가

Disazo

가 가

가

가

		(: M/T, %)					
		1990		1991		1992	
		3,022	3,250	7.5	3,404	4.7	
		465	878	88.8	886	0.9	
		2,568	2,836	10.4	3,128	10.3	
		134	118	11.9	91	22.8	
		2,749	1,027	62.6	885	13.8	
		8,938	8,109	9.3	8,394	3.5	
		3,509	3,847	9.6	3,660	4.9	
		8,823	15,022	70.3	1,489	90	
		94	65	30.9	23	64.6	
		11,696	5,506	52.9	6,293	14.3	
			24,112	24,440	1.4	11,465	53.1
		7,069	8,894	25.8	8,580	3.5	
		7,069	8,894	25.8	8,580	3.5	
		40,119	41,443	3.3	28,439	31.4	
		5,755	5,344	7.1	6,455	20.8	
		6,939	9,393	35.4	11,992	27.7	
		12,694	14,737	16.1	18,447	25.2	

		(: M/T, %)					
		1990		1991		1990	
Azo-insoluble		39.9	1.3	54.3	36.2	35.7	34.3
		859.5	28.4	492.7	42.7	527.4	7.0
		471.4	15.6	837.2	77.6	944.9	12.9
		1,530.0	50.6	1,651.0	7.9	1,665.0	0.1
		121.0	4.0	214.8	77.6	230.8	7.4
			3,021.8	37.0	3,250.1	7.6	3,403.8
Azo-Lake		167.4	36.0	209.0	24.8	104.7	47.5
		121.2	26.1	187.8	55.0	216.6	15.3
		54.2	11.7	330.2	509.1	376.0	13.9
		121.8	26.2	151.3	24.2	183.5	21.3
			464.6	5.7	878.3	89.1	885.8
Phthalo-Blue		87.9	3.4	123.8	40.9	73.4	40.7
		35.3	1.4	50.3	42.5	88.3	75.5
		754.9	29.4	811.2	7.5	922.2	13.7
		663.0	64.8	1,795.0	7.9	2,000.0	11.4
		27.0	1.1	55.5	105.6	43.7	21.3
			2,568.1	31.5	2,835.8	10.4	3,127.6
Phthalo-Green		5.1	3.8	3.6	30.6	5.2	44.9
		102.0	76.3	84.3	17.3	59.9	28.9
		26.5	19.8	30.0	13.2	25.7	14.3
			133.6	1.6	117.9	11.7	90.8
Others		8.3	0.4	0	100.0	1.0	100
		357.6	18.1	434.2	21.4	498.6	14.8
		1,544.2	78.1	300.0	80.6	41.0	86.3
		68.2	3.4	74.6	65.1	66.0	125.0
			1,978.3	24.2	808.8	59.1	606.6
		8,166.4	100	7,890.9	3.4	8,114.6	0.3

Dioxazine

Quinacridone

Ciba-Geigy, Hoechst, Bayer, Dupont

Ciba-Geigy DPP Red BO 2~3 가
 93 Red DPP 가
 Green 7, 36 가
 Crude ICI 93
 Toyo Ink 92
 800 가
 92 11.2% 60.3%
 1500 가 600~700 , 450~500 , ()
)250 , 100 , 70~100 , 가 30
 92 152 . 86~90
 8~10% 12~15% 가
 Flushing Press Cake
 Flushing Agglomeration Aggregation 가
 가 Roll Mill , Bead Mill
 Rheology 가 92 91
 1% 가 가
 2B, 4B-Acid Type Azo Lake 53 - 1, 57 - 1 Toluidine Type
 Azo Hansa Yellow, Benzidine Type Azo Hansa Yellow, 가
 85%가
 Carmine 4B Acid Blue
 PC(Press Cake) Powder KG 7000 ,
 20 8 , 7 , 5
 가 가 가
 Blue 8500
 8700 93 가
 가
 Melting Point가 Processing Time 가
 Migration()
 PE, PP, PVC Diarylide Yellow C.I. Pigment Yellow 13, 14, 83 , Azo Lake
 C.I. Pigment Red 48:1, 48:2, 48:3, 53:1, 57:1

Blue Gre-en

가 ,

92

735 , 117 2300

91 9.1% 가

24.8%,

20.7%, Hoechst가 20.5%

48.1%

/

Ciba -Geigy

Quinacridone Red/Yellow, Hoechst Isoindoline Yellow/Red, BASF Phthalo Blue/Green, Isoindoline Yellow, Disazo Yellow, Perylene Red

가

Mono

Azo

Yellow

Didrylide Yellow

PY-14, PO-13, 16

, Red

Naphthol

< 1993/11/1 >