

< >

VOC

가

2000

18% 350

97

(VOC)

, 95

, 96

, 1

98

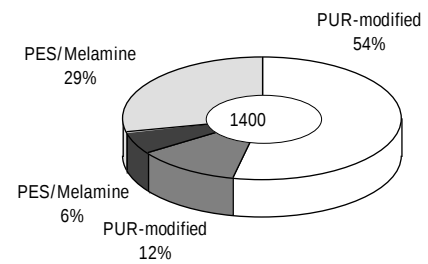
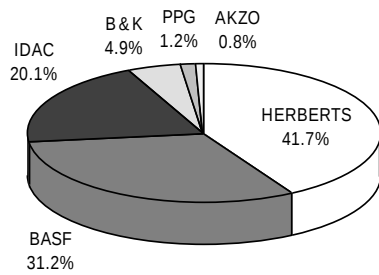
()가

VOC

()

(1994)

(1994)



가.

가

가

< >

, 가

가

1

12

85%가

50%

가

가

VOC

66

Rule 66

가

가

TA Luft

(EPA)

VOC

TA Luft
VOC 50%

90

KWS2000 , 2000

TA Luft 가

2

3

1

120g,

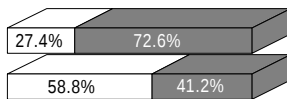
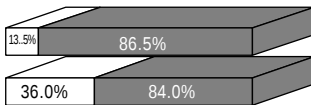
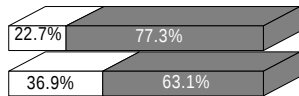
60g

92 3

(EEC)

35g

(1994)



W/B S/B

EPA VOC

1

122

가

가

, 가

가

가

가

Antichipping Primer
BMW Dingolfing

96

가

Opel

+

가

1.6

가

가

가

/ 가

GM Oshawa	1986	Basecoat : ICI
Opel Bochum	1988	P/Sur. : Hemmelrath
		B/Coat : BASF. Herberts
		C/Coat : TSA(50%)
M. Benz Bremen	1988	B/Coat : BASF. Herberts
		C/Coat : 2P PUR
Honda Sayama	1988	Kansai
Ford Cologne	1989	B/Coat : BASF. Herberts
		C/Coat : TSA(45%)
GM Ste, Therese	1989	Basecoat : BASF
Honda East Liberty	1989	B/Coat : Dupont, Kansai
Volvo Goeteburg	1990	B/Coat : IDAC
		C/Coat : TSA(50%)
BMW Regensburg	1990	
Volkswagen Emden	1990	P/Sur : Hemmelrath
		B/Coat : BASF. Herberts
		C/Coat : 2P PUR
GM Wentzville	1990	BASF
Saturn Springhill	1990	BASF
PSA	1991	
GM Buick City	1991	PPG
Opel Eisenach	1992	

Pilot Line

+

+

가 PPG, Dupont

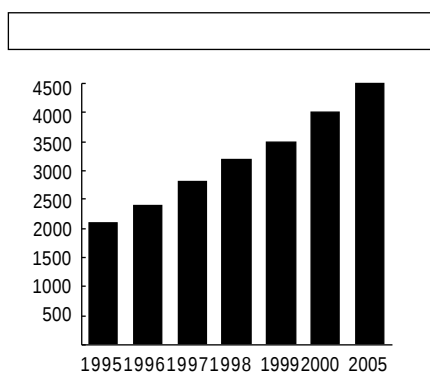
(: 100 , %)					
1993	1994	1995	1996	1997	(1994 ~ 2000)
40,000	42,520	53,420	57,590	84,652	9.40
	(6.3)	(25.6)	(7.8)	(8.7)	
69,800	78,680	115,420	93,050	13,729	9.70
	(12.7)	(46.6)	(11.5)	(9.9)	
20,200	26,000	29,900	35,070	62,330	15.70
	(28.7)	(15.0)	(17.3)	(15.7)	
5,055	6,780	8,010	8,630	14,790	13.90
	(34.1)	(18.1)	(7.7)	(14.3)	
5,000	6,830	8,110	11,660	17,490	17.00
	(36.6)	(18.7)	(43.8)	(6.5)	
2,500	3,000	4,200	5,700	15,000	30.80
	(20.0)	(40.0)	(35.7)	(12.5)	
142,555	163,810	219,060	247,340	375,912	
	(14.9)	(33.7)	(12.9)	(11.4)	

93 138 95 300

PPG, Dupont, BASF가 64%, 22%, 14%
Herberts가 41.7%
BASF 31.2%, IDAC 20.1%

() 100%

EPA 0.16kg/l 1/4



20%

VOC

가

가

가

가 5%,

가

PPG 40%, Dupont 30%, BASF 26%, DKAC 4%

. 94

23% 250

가

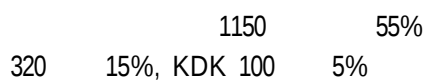
67%

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Nissan 村山



Opel,



80%, 100%, KDK 88%, 100%, 20%, 100%, 12%

PCM

KDK PPG

Inmont Stollach BASF/

NTT, ICI, Red/Spot 가

가

94 () 113.5 (122), 62 (79),
 () 41.2 (70), 5.5 (18), 4.6 (7),
 3.9

94 231 1663 32% 73 7943 , 517
 가 23 4904 , 13 8560 , 2 1268 가 39 4732
 53.5%
 12 9007 , 5 6435 , 9 4389 , 가 4 5564 , 1
 7746
 2000 574 ,
 155 가
 100 가 2000

가

가

90 柳刀忠郎 95 94%, 55%,
 50%, 41%, 30%가

가

가

VOC 가 가

4~5

가

2000 가 , 230 , 가
 , 200 , 가 , 220 ,

가 77 730
95 420 가
94 가 , 213 1663 17% 39 4732
2000 가 1000

가 , ,
가 98
98
가 2000 5%
8%, 320 , 2005 18%, 1400

WTO

< 1996/2/26>