

94 960 1300 , 1023 4800 가 63 3500

94 12 100

94 93 16.8% 22.1% 가 가 2000

가가 93 47 7100

가 .

, 88 가 89 가

(: 1000 , %)					
1985	30,283,122	3.5	31,135,655		852,533
1986	34,714,470	14.6	31,583,900	1.4	3,130,570
1987	47,280,927	36.2	41,019,812	29.9	6,261,115
1988	60,696,388	28.4	51,810,632	26.3	8,885,756
1989	62,377,174	2.8	61,464,772	18.6	912,402
1990	65,015,731	4.2	69,843,678	13.6	4,827,947
1991	71,870,122	10.5	81,524,858	16.7	9,654,736
1992	76,631,515	6.6	81,775,257	0.3	5,143,742
1993	82,235,866	7.3	83,800,142	2.5	1,564,276
1994	96,013,237	16.8	102,348,175	22.1	6,334,938

(: 100 , %)									
	1991	1992		1993		1994()		1995()	
E U	44,707	42,872	1.4	42,767	0.2				
	18,559	18,090	2.5	18,138	0.3	9,476	5.7	10,853	14.
	12,356	11,599	6.1	11,564	0.3	5,945	13.2	8,027	35.
	9,728	9,233	5.1	9,415	2.0	5,142	12.0	7,332	42.
ASEAN	27,163	33,759	24.3	39,314	16.5				
	1,003	2,654	164.6	5,151	94.1	2,882	20.9	4,181	45.
	7,103	8,577	20.8	9,339	8.9	5,250	15.5	7,544	43.
						15,018	13.9	20,391	35.
	71,870	76,632	6.6	82,236	7.3	43,713	12.3	58,328	33.

가 가

93

가 .

, 92 817 0.3% 가, 93 838

2.5% 가 92 2 3% 가

93 가

가

94 1023 5000 93 22.1% 가

86 90 48 91 97

, 92 51 , 93 16 , 94 63

93 가

가 ,

가 ,

가

93 2.3%

가 93

가

95 30.1%, 36.9%

가 93 가 94 () 11.7%, 95 ()

4.2% 가 94 () 28.4%, 95 ()

21.6% 93 0.1% 94 () 22.0%,

40.9% 가 93 가 94 3.2% 가 94 22.0%,

93 87 1700 35.4% 가

95

SM (: 1000M/T, %)					
	1992	1993	1994		
	49	-	9	-	
	47	236	364	54.2	
	109	78	64	17.9	
	92	95	111	16.8	
	-	-	-	-	
	133	221	258	16.7	
	281	223	235	5.4	
	23	39	98	151.3	
	0.01	0.012	10.1	837.7	
	481	538	605	12.5	
	147	284	390	37.3	
	182	258	389	50.7	
S M	175	130	156	20.0	
	424	350	368	5.1	

(: 1000M/T, %)					
	1992	1993	1994		
	128	155	130	16.1	
	1,912	2,272	2,306	1.5	
	786	852	999	17.3	
	158	122	87	28.7	
	48	39	41	5.1	
	83	98	112	14.3	
	667	683	796	16.5	
	237	273	376	37.7	

-) 1. LDPE, HDPE, PP, PS, ABS, PVC
 2. CPLM, AN, EG, PTA, DMT
 3. SBR, BR

90

가

80 가 90 가

가 95

40 SM 46.5% 가

94 54.2% 가 36 4000 , 16.8% 가 11

1000 , 16.7% 가 25 8000

94 30.8% 가 109 2000

5.1% 가

SM 94 36 8000

가 , , 3 , 93 249 2000 15.7%

가 94 가

가 가 0.5% 가 250 5000

94 3 가 94 가 8 7000

28.7%

94 가 가가

20 (1994)		(: M/T, 1000)							
		1992		1993			1994		
1	Methanol	531,438	67,270	540,473	75,152	1.7	606,320	175,976	12.2
2	Anhydrous ammonia	630,410	74,055	653,657	83,944	3.7	509,117	91,578	22.1
3	Disodium carbonate	313,915	55,751	309,149	52,792	1.5	373,790	63,084	20.9
4	Ethylene glycol	245,460	103,438	309,065	120,884	25.9	356,354	153,663	15.3
5	1,2-Dichloroethane(EDC)	287,687	49,433	354,143	107,392	23.1	333,399	92,489	5.9
6	P-Xylene	272,898	116,388	347,703	146,004	27.4	321,134	167,608	7.6
7	Benzene	280,879	96,122	223,018	65,965	20.6	234,558	70,970	5.2
8	Sodium hydroxide	42,072	13,410	140,496	16,383	233.9	218,526	27,851	55.5
9	Arcylonitrile	191,928	124,824	196,189	129,932	2.2	217,588	137,160	10.9
10	6-Hexanelactam	188,954	297,428	174,351	229,567	7.7	209,247	246,728	20
11	Terephthalic acid	124,784	70,838	140,588	79,063	12.7	188,943	135,563	34.4
12	Sulphuric acid	184,630	17,998	101,063	16,316	45.3	169,909	18,371	68.1
13	Disodium sulphite	138,896	15,406	149,333	12,918	7.5	158,595	14,618	6.2
14	Styrene	174,965	91,245	130,465	62,016	25.4	155,643	104,166	19.3
15	Vinyl chloride	75,529	30,016	101,977	45,733	35.0	112,639	65,049	10.5
16	Methyl ethyl ketone(MEK)	59,849	33,733	62,579	33,297	4.6	66,318	46,842	6
17	Propylene	108,688	40,484	77,505	24,085	28.7	64,138	23,328	17.2
18	2-Ethylhexyl alcohol	48,000	32,905	69,931	37,439	45.7	62,668	40,090	10.4
19	Vinyl acetate	43,297	29,595	47,256	28,413	9.1	61,682	40,524	30.5
20	Cumene	16,342	7,048	44,431	16,605	171.9	60,880	21,657	37

PET 가 PTA DMT 가 가

가 가

(8), AN(9),

PTA(130 5000), EG(40 5000) 가

94 230 6000 15% 가 ,

14.3% 가 11 2000

94 37 6000 37.7% 가

94 ,

9000 6 4000 17.9%

94 23 5000 5.2% 가 ,

1 100 93 12 830% 가

가 94 39

37.3% 가

가

BTX 94 SM 가

BTX 20~30 가 가

P-X 32 1000 PTA

가

SM 92 17 5000 93 25.4% 13 94 15

6000 19.3% 가

SM 가 PS ABS 가가

LG SM

2.1% 가 94 13 16.1%

가 93 8.4% 가 85 2000 , 94 가 가 17.3%

99 9000

20 (1994)		(: M/T, 1000)							
		1992		1993			1994		
1	Toluene	481,436	139,044	538,166	139,210	11.8	604,992	168,438	12.4
2	Styrene	423,667	201,090	350,211	162,801	17.3	368,031	250,696	5.1
3	Ethylene	46,982	14,958	235,770	66,920	401.8	363,984	117,604	54.4
4	Buta-1 3,-diene	132,937	39,106	221,422	61,125	66.6	258,196	83,010	16.6
5	Propylene	92,342	35,062	95,304	26,603	3.2	110,531	47,136	16
6	Acetic acid	102,335	41,078	92,057	35,573	10.0	105,006	48,022	14.1
7	Benzene	23,354	7,836	38,818	10,869	66.2	98,333	32,813	153.3
8	P-xylene	49,973	20,385	94,268	37,565	88.6	87,432	52,603	7.3
9	Di-2-ethyl hexyl orthophthalate	75,596	56,115	112,920	68,132	49.4	72,933	63,177	35.4
10	1,2-dichloroethane	71,102	12,867	81,006	27,237	13.9	72,059	22,921	11
11	Sodium glutamate	45,663	55,277	46,402	52,148	1.6	55,915	59,721	20.5
12	Phthalic anhydride	49,102	25,996	71,249	31,085	45.1	55,461	40,600	22.2
13	Carbon black	36,012	19,547	66,433	31,898	84.5	51,944	25,324	21.8
14	Terephthalic acid	69,562	35,676	76,617	41,828	10.1	47,591	32,572	37.9
15	Silicates of sodium	12,963	2,264	26,546	4,538	104.8	47,285	8,327	78.1
16	Phenol	16,968	8,397	27,600	13,862	62.7	35,887	19,050	30
17	Cyclohexane	12,001	5,212	3,569	1,831	70.3	33,357	13,238	834.7
18	White carbon	20,787	14,145	27,798	19,250	33.7	32,844	23,434	18.2
19	Disodium carbonate	24,110	3,600	35,266	4,814	46.3	30,876	4,252	12.4
20	Hydrogen peroxide	17,587	8,759	18,196	8,363	3.5	30,810	13,622	69.3

93 가 94 4 1000 5.1% 가

93 94 68 3000 , 79 6000 2.4%, 16.5%

가

94 60 5000

Styrene, Ethylene, 1,3-Butadiene, Proylene 36 8000 , 36 4000 , 25 8000 , 11

20 , 가 3

Sodium Silicate가 4 7290 15 , 1

3 2840 , Disodium Carbonate가 3 880 2,3

(18, 19)

Sodium Glutamate 5 5915 20.5% 가

가 EU

94 60 6300 1

50 9100 , Disodium Carbonate 37 3800 , Ethylene Glycol 35 6400 , 1,2-Dichloroethane 33

3400 2~5

94 60 6300 93 12.2% 가

MMA MTBE 가 가

50 9000 2 93

22.1% 가

158 9.1% 가

EG PET 가 40%

94 35 6000 , 1 5370 15.3%, 27.1% 가

PET

EDC 33 4000 LG 50 PVC

가 EDC · VCM · PVC

LG EDC

96 11 30 EDC

96 EDC

VAM 6 1682 93 30.5% 가 4052 42.6% 가

가가

BP가 15

20 가 , ,

3

21 8500 , 16 9900 8 , 12