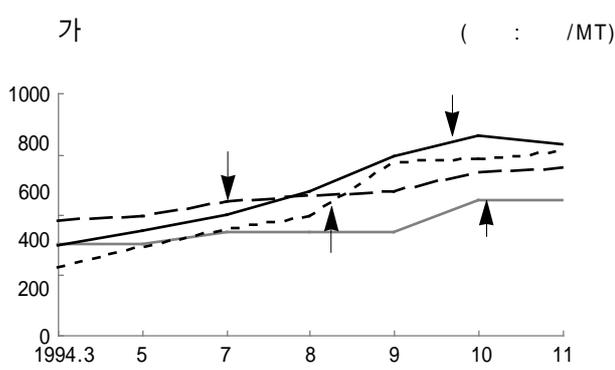


<Petrochemical>

# Olefin

94 가가 가 6% 8%  
가 가 가 가

94 9% 가 94 8% 가 332 9000  
93 15% 가 94 10% 가 205 4000  
가가  
93 53% 가 36 2000  
26% 가 12



가 가  
10% 가  
369 1000 11.5% 가  
11.9% 가 211 4000  
6

94 가 가 가 가  
7 가 10 450 300 가  
95 가 가 가 가 가 가

가  
가 94 OPEC 14.99 가  
94 3/4 가  
94 94 1.7% 가 6930 B/D  
4040 B/D, 2.5% 가 2890 B/D OECD 가가 1.2% 가

OPEC 94 2500 B/D 가 95  
 2/4 3/4 60 ~90 B/D 가 1/4  
 100 B/D, 4/4 140 B/D 가  
 95 가 OPEC 가 94 1~2  
 15~18 가 50 ~60 B/D 가  
 가

가 140 가 가 2/4 94 가 90 3/4  
 가 가 가  
 가 ( : )

	1993				1994			
	1/4	2/4	3/4	4/4	1/4	2/4	3/4	4/4
Arabia Light	16.84	16.87	15.16	14.63	13.46	15.26	16.63	16.68
( ) Dubai	15.98	15.90	14.61	13.95	12.90	14.71	15.82	14.95
Brent	18.45	18.51	16.59	15.33	13.88	16.16	16.72	17.84
Arabian Gulf	164	171	145	131	116	139	153	158
( ) C&F Japan	182	187	165	153	138	159	172	181
Korea	184	190	177	164	140	148	173	181

( : 1000M/T, %)

	1992	1993	1994.1	2	3	4	5	6	7	8	9	
	2,815.0	3,570.0	335.4	302.9	335.4	324.5	335.4	324.5	335.4	335.4	324.5	2,953.4
	2,810.1	3,233.7	317.5	289.7	322.0	255.9	247.1	298.1	318.0	329.7	329.1	2,707.1 11.8
가	100	91	95	96	96	79	74	92	95	98	101	92
	2,559.3	2,887.6	261.6	239.9	268.6	216.7	220.1	254.0	269.3	275.9	279.8	2,285.8 7.1
	205.3	186.7	22.6	17.1	23.2	19.9	14.7	15.6	17.7	17.2	13.7	161.7 24.5
	47.0	235.8	34.1	29.8	35.5	30.8	22.0	27.9	35.8	40.5	34.7	291.0 101.7
	2,811.5	3,310.1	318.3	286.7	327.3	267.4	256.8	297.5	322.8	333.6	328.2	2,738.6 13.7
	49.0	-	-	-	-	-	-	-	-	-	-	-
	2,813.6	3,074.4	284.2	257.0	291.8	236.6	234.8	269.6	287.1	293.1	293.5	2,447.5 8.1
	18.4	32.3	31.4	35.9	30.6	24.9	30.6	25.9	34.7	30.8	33.6	33.6 10.4
	1,875.2	2,103.0	197.6	178.4	197.6	191.2	197.6	191.2	197.6	197.6	191.2	1,739.8
	1,628.1	1,882.0	169.3	164.3	182.7	151.7	139.6	171.5	188.2	188.2	190.6	1,539.8 12.5
가	87	89	86	92	92	79	71	90	95	95	100	89
	1,375.1	1,637.9	151.7	143.9	158.8	138.2	133.5	157.5	163.5	163.5	161.7	1,375.0 14.6
	146.2	155.8	18.3	15.0	15.2	11.9	15.2	8.3	13.5	13.5	15.2	126.3 18.7
	92.3	95.3	5.0	3.4	6.2	7.6	6.9	9.9	11.9	11.9	11.5	70.1 (15.4)
	1,613.6	1,889.0	175.0	162.4	180.3	157.7	155.5	175.7	188.8	188.8	188.4	1,571.3 13.1
	108.7	77.5	15.0	6.1	6.4	5.2	4.6	7.2	1.9	1.9	1.9	52.3 28.2
	1,630.0	1,871.2	185.0	165.1	180.5	155.2	153.2	173.1	178.9	178.9	178.8	1,553.5 15.4
	31.3	27.4	23.2	26.6	30.5	30.4	24.2	22.2	19.9	19.9	26.6	26.6 83.4

94 12 가 183.4 94 1 가 31.2%

94 93 14.4% 가 1 2385

28% 4710 36% 가

8500 93 15% 가 1 4200 2%

95 가 4800 2/3

46% , 가

50%, LPG

26% 8%

63% 가

92%

92 6 2860 90%

15% 9490

92 3880 6.2%

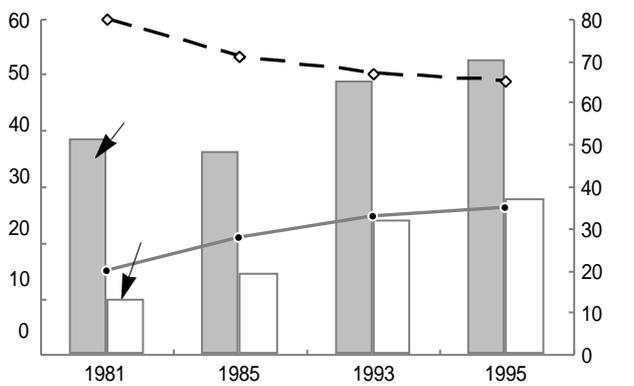
가, 가

50%

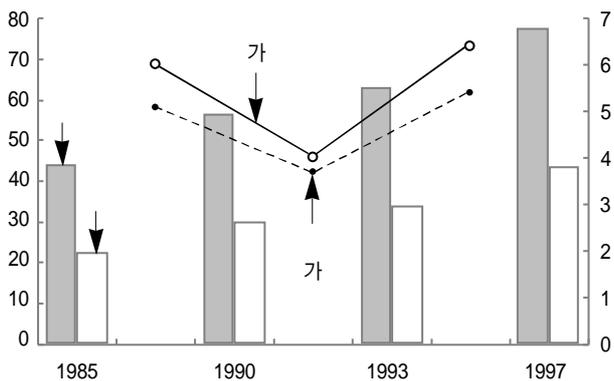
35%

( : 1000MT,%)

( : 1000M/T)



/ ( : 1000MT,%)



	1994	1995	
LLDPE	1022.4 (1043.3)	1146.6 (1170.0)	0.98
HDPE	1363.0 (1363.0)	1363.0 (1363.0)	1.00
E G	275.4 (405.0)	275.4 (405.0)	0.68
V C M	138.6 (660.0)	138.6 (660.0)	0.21
E D C	126.4 (436.0)	126.4 (436.0)	0.29
E P R	24.0 (40.0)	24.0 (40.0)	0.60
A A	16.3 (24.0)	16.3 (24.0)	0.68
S M	386.9 (1289.8)	397.5 (1325.0)	0.30
	3353.1	3487.9	
P P	1756.2 (1705.0)	1756.2 (1705.0)	1.03
A N	101.7 (90.0)	101.7 (90.0)	1.13
	99.5 (130.0)	99.5 (130.0)	0.77
	6.7 (10.0)	6.7 (10.0)	0.67
	37.0 (100.0)	37.0 (100.0)	0.37
	40.8 (77.0)	40.8 (77.0)	0.53
E P R	12.8 (40.0)	12.8 (40.0)	0.32
P O	92.0 (118.0)	93.6 (120.0)	0.78
	2146.7	2148.3	

) ( )

가

가 가

90 115 5000 91 92  
 93 357  
 5  
 134 10.7%  
 94 93 11.5% 가 369  
 10% 36  
 95 가가 4% 가  
 Debottlenecking 가  
 2.2% 가 377 94  
 15% 30  
 LDPE HDPE 가 239  
 71% SM EG  
 LDPE SM 가가  
 PP 가 176  
 ,PO PO 가 81%  
 94 205 93 10% 가  
 가 93 12% 가 211  
 95 가 가 가 94  
 94

( : 1000MT,%)

( : 1000M/T)

	400	340	60	236	227	9	EO/G	200	200	-	400
	700	432	268	400	206	194	S M	-	-	200	200
	400	481	81	200	14	186	MMA	-	-	40	40
LG	400	400	-	200	351	151	PVC	360	-	145	505
	-	14	14	-	43	43	MTBE	-	80	-	80
	1,900	1,666	234	1,036	841	195	P P	-	-	100	100
	570	288	283	312	250	62	HDPE	100	-	100	200
	300	330	30	180	412	232	P P	150	-	100	250
	-	271(172)	280	165	221	56	MTBE	80	60	-	140
	870	889	19	657	883	226	HDPE	200	-	100	300
	400	474	74	200	216	16	P P	200	-	80	280
	400	476	76	210	258	48	S M	240	200	-	440
	800	950	150	410	474	64	S M	125	-	200	325
	3,570	3,505	65	2,103	2,198	95	MTBE	-	100	-	100
							LG PVC	400	-	200	600
							SMA	330	150	-	480

/

33% 93 7310 81 80% 67%,  
 93 63% 2000 64% 가가 , 2000  
 94 가 가 20~30%  
 94 가 가  
 가  
 Dow Chemical 94 54 95 1/4 가  
 68  
 Exxon, Shell, Huntsman, Quantum Chemical 96  
 97 200 가가

( / )

8.8	Exxon	Baton Rouge Louisiana	850 621 140 334 LDPE 322	Depropanizer • 60 © • Baytown (95 ) © (9/18~11/28) ©95 ©	25 8/15 10 가 가 12 가
8.18	EniChem	Priolo	750 360 HD/LLDPE 140	• 2	10/5 50% 가 10/18 가
1.18	Shell	Norco Louisiana	800 634 226 PP 154		70% 10 가
9.7	Quantum Chemical	Deer Park Texas	750 272 LDPE 210 LLDPE 85	• 9 decoking	8 5~6 9 가 10 가
9.	Amoco	Chocolate Bayou Texas	1,340	25	가 85%
10.6	Dow Chemical	Freeport. TX	93	#7 (61 )	10 가
10.8	Mobil	Beaumont. TX	50	Boiler	가
10.12	Enron	Pasadena. TX	45	가	가

( : 1000MT/ )

	1993	1994	1995	1996	1997	2000
	2,192	2,287	2,567	2,970	3,434	5,209
	6,464	6,772	6,972	7,172	7,372	7,996
	3,570	3,570	3,570	3,570	3,570	3,570
	100	100	100	100	100	100
	845	1,065	1,135	1,135	1,135	1,985
	595	784	978	1,178	1,378	2,178
	-	-	-	275	550	550
	30	230	230	390	550	550
	15	30	30	30	30	40
가	465	465	465	465	665	865
	315	315	600	728	728	728
	14,591	15,618	16,647	18,013	19,512	23,771
	62	262	262	492	747	747
	130	130	130	130	130	130
	160	180	200	230	260	260
	-	-	-	-	150	650
	300	300	300	380	480	480
	2,550	2,910	2,925	2,940	2,980	3,000
	3,202	3,782	3,817	4,172	4,747	5,267
	465	465	560	590	590	890
	465	465	560	590	590	890
	20,834	21,754	22,639	22,719	22,719	23,550
	2,530	2,580	3,060	3,060	3,060	3,371
	23,364	24,334	25,699	25,779	25,779	26,921
	355	365	365	465	515	515
	1,898	1,898	1,948	1,998	2,158	2,408
	60	60	60	60	60	60
	100	100	100	100	100	100
	1,400	1,400	1,400	1,400	1,400	1,650
	5	5	5	5	5	5
	475	600	600	600	600	600
	4,293	4,428	4,478	4,628	4,838	5,338
	345	345	345	345	345	345
	1,070	1,620	1,620	1,620	1,620	2,220
	230	230	230	230	230	230
	3,055	3,055	3,055	3,055	3,055	3,095
	4,610	4,605	4,575	4,575	4,575	4,575
	20	20	20	20	20	20
	1,925	2,010	2,010	2,050	2,080	2,080
	2,750	2,750	2,840	2,975	2,975	2,975
	405	405	430	500	500	500
	330	330	330	330	330	330
	1,235	1,245	1,245	1,245	1,245	1,245
	400	400	410	420	420	420
	25	25	25	25	25	25
	415	400	400	400	400	400
	2,395	2,395	2,395	2,395	2,545	2,625
	19,210	19,835	19,930	20,185	20,365	21,085
가	300	300	450	450	450	450
	450	450	450	450	450	450
	240	240	240	240	240	240
가	360	420	420	420	420	420
	415	395	360	360	360	610
	240	340	340	450	525	525
	112	112	112	112	112	112
	-	-	200	220	240	240
	5,045	5,390	5,490	5,640	5,890	6,420
	7,162	7,647	8,062	8,342	8,687	9,467
	120	120	120	140	220	220
	330	330	330	350	360	360
	-	240	300	300	300	300
	425	425	425	425	425	425
	875	1,115	1,175	1,215	1,305	1,305
	73,162	77,224	80,368	82,924	85,823	94,044

230  
 , CP & NC가 94 9  
 16 , 가 30

2000 500  
 15 가

45 5NCC가 가 FPC가 98 가 94 4  
 45  
 , Tuntex가 90  
 가 PCS가 97 3 43  
 , TOC가 94 35 가 2000  
 50  
 Petromas BP 96 1/4  
 , 가 72  
 가 96~97 ICPL 91 30  
 ICPL 10 RIL 75  
 , 94 1446 6.4% 가  
 2000 2160 가 69  
 94 934 5.5% 2000 1352  
 , 94 31 , 96 15  
 2000 33 가  
 95 가  
 94 가 2/4  
 가  
 94 Spot가 250 3/4 10 가  
 가 585  
 가 10 660 2  
 50% 가 94  
 가

( : 1000M/T,%)

	1994	1995	1996	2000	
	15,974	17,349	18,698	24,120	
	13,777	14,779	16,188	21,394	
	14,467	15,505	16,678	21,629	6.4
	-690	-726	-490	-235	
	10,816	11,721	12,276	14,356	
	9,031	9,681	10,416	13,188	
	9,346	9,850	10,572	13,520	5.5
	-315	-169	-156	-332	

1/10

가

가 , 가 ,  
가

94  
가  
가 , 95  
가  
가  
가

( : 1000M/T)

가					
	Amoco Chemical	Chocolate Bayous, TX	250		-
	Dow	Saskatchewan, Canada	540	가	-
		Freeport, TX	680		
	Exxon	Baytown, TX	204		'95.1/4
	Quantum	Morris, Ill	320		'95.1/4
		Clinton, Iowa	96		'96
		Laporte, TX	320		'97
	Shell	Deer Park, TX	180		'97,
	Huntsman	Port Neches, TX	45		'95.4/4
	Maruzem Petchem	Chiba	600		'94.12
	SPC	Jinshan	105		'94.3
	FPC		450		'98
	Tuntex		900		
	CP&NC	Beijing	160		'94.9
			300		'96.9
			450		2000
	Petromas	Kerteh	320(1 )		'96.1/4
	Petromas	Kertech	750( )		97~98
가	PCS	Merbau	428		'97.3
	HPL	Haldia	300		'95.2
	PSIDC	Punjab	300		'97
	PIC	Shuaiba	650		'97
			510		'96
	NPC		350		'95
	CPS	Triunfo	350		'95
	BIP	Bandar	300		'94
	Tabriz	Tabriz	136		'94
	PETROKEMYA		500		'94
	BASF	Antwerp	600	가	'94

가

가