<Petrochemical>

Xylene

Tatoray 100% 가 . Tatoray 가 가

•

MX

60 , 94 MX 32 24 , 20 , 20 156 가 MX 가 가 가 PX 가 MX MX가 300 94 6 12 400 가 가

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 $Xylene \cdot OX \cdot PX$ (: 1000MT, %)

	1992	1993		1994		1995	
Xylene	1,028.9	1,055.9	2.6	1,301.0	23.2	1,516.8	16.6
	599.8	671.1	11.8	757.0	12.8	914.0	20.7
	188.5	155.2	17.7	101.0	34.9	154.0	52.5
	181.7	258.3	42.2	398.0	54.1	380.0	4.5
	969.0	1,084.6	11.9	1,256.0	15.8	1,448.0	15.3
	147.4	284.0	92.7	390.0	37.3	400.0	2.6
	934.7	1,110.3	18.8	1,248	12.4	1,468	17.6
OX	130.2	131.5	1.0	191.6	45.7	176.6	7.8
	1.6	4.2	16.3	7.0	66.7	7.0	-
	100.3	109.1	8.8	143.6	31.6	154.5	7.6
	28.3	17.3	38.9	22.0	27.2	5.0	77.3
	130.2	130.6	0.3	172.6	46.7	166.5	3.5
	45.6	61.7	35.3	32.0	48.1	30.0	6.3
	147.6	175.0	18.6	201.6	4.4	191.5	4.9
PX	594.2	668.9	12.6	721.0	7.8	987.0	36.9
	8.1	23.2	186.4	-	-	-	-
	524.6	561.3	7.0	698.4	24.4	897	28.4
	50.0	94.3	88.6	84.0	10.9	85.0	1.2
	582.7	678.7	16.5	782.4	15.3	982	25.5
	272.9	347.7	24.4	315.0	9.4	400.0	27.0
	805.6	932.1	15.7	952.0	8.7	1,297	28.0

95 8 PX 5 24

, 1 5000 5

가 Spot가 430 가 20 MX

90 600 , OX 18 2400 , 21 20 1600 PX TPA 95 2000 PX . OX PA

. 가 10 370 11 12 400

OX 93 7 17 5000 94 20 1600 , 94 19 1600 93 45.7% 7 15.2% 가

Xylene (: M/T)

	1994.1	2	3	4	5	6	7	8	9	10
	3,733	3,359	2,807	3,208	3,947	3,872	3,807	4,714	4,323	2,989
	42,892	48,216	97,504	60,195	55,900	52,579	49,229	50,575	64,329	55,825
	23,578	27,646	28,148	2,031	29,627	31,679	32,370	31,104	31,985	33,657
	1,653	1,416	1,229	65	1,467	2,067	1,781	2,222	2,074	1,787
	1,185	1,229	1,830	1,822	2,243	2,292	1,978	4,098	1,957	2,232
	17,908	14,628	15,230	20,953	17,520	4,558	11,897	20,761	17,693	23,060
	15,351	20,770	17,714	16,073	13,075	-	9,794	16,419	18,188	18,560
LG	1,882	2,189	2,224	2,304	1,890	2,332	2,312	1,885	3,212	2,810
	596	646	1,575	1,467	1,374	2,219	1,134	1,470	2,843	583
	38,610	44,553	54,660	50,785	50,483	48,929	47,507	47,643	51,735	53,507
	21,149	25,267	28,505	1,872	28,556	32,927	32,742	32,411	33,484	30,567
	802	200	537	-	5	105	-	-	597	-
	-	-	299	310	516	-	513	-	1,268	923
	2,013	647	759	5,633	684	2,290	512	541	753	453
	-	-	-	3,056	3,084	-	-	-	-	-
LG	1,294	1,182	1,194	70	379	486	977	710	1,876	2,132
	64,464	72,495	87,529	63,193	85,081	86,956	83,385	82,775	92,556	88,165
	420	871	1,890	2,084	2,076	3,782	987	1,896	3,074	731
	256	452	927	1,034	1,078	1,507	379	880	1,531	-
	4,014	4,003	3,999	4,027	4,025	42	3,996	3,996	4,028	3,999
	2,066	4,996	2,969	-	-	-	-	-	-	-
	1,046	-	3,467	2,198	2,389	1,499	2,874	1,362	2,080	1,040
	600	621	1,565	-	207	572	1,952	491	108	4,967
	-	-	3,296	1,936	-	-	-	-	-	-
	463	-	1,517	50	-	-	-	-	-	-
	1,225	-	3,008	1,479	2,016	2,471	1,002	3,340	1,481	960
	9,476	7,205	9,461	9,926	10,510	14,988	6,071	16,330	11,147	14,574
	10,164	12,724	9,772	16,372	10,126	17,362	7,433	10,618	19,865	11,354
LG	841	-	2,047	1,891	1,601	1,472	1,436	999	1,452	1,300
	10,955	2,966	16,105	16,492	23,883	10,999	-	-	-	-
	23,775	23,712	32,684	34,178	23,050	40,733	-	-	-	-
	51,197	65,119	54,128	58,315	59,585	28,145	29,867	-	48,921	85,660

94%		PX	가 93	93 210	00	94 95 2	2000	2.1%	' }	31	5000	
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PA 17 22 5000 5 94 7 7 7 4 7 7 4 7 7 4 7 7 4 7000 PA7 94 DOP 4 5000 PA7 94 94 2 7 7 8 9 10 1994.1 2 3 4 5 6 7 8 9 10 7,837 7,068 9,238 8,716 9,161 8,751 8,273 8,662 8,135 8,485 5,410 5,010 5,458 2,753 4,696 4,832 5,198 5,042 4,969 5,216 400 323 1,044 307 515 688 740 719 505 505 7,357 7,041 7,82 5,607 5,168 8,092 7,428 8,226 8,024 7,933 4,998 4,998 4,986 3,816 3,541 4,694 5,319 4,800 5,150 5,158 6,102 4,998 4,986 3,816 3,541 4,694 5,319 4,800 5,150 5,158 6,102 4,998 1,938 4,938 4,938 4,938 4,938 4,938 3,718 5 5,012 4,989 5,160 5,138 6,102 7,1		, 94			000	93 66	8900	7.8%			8 4000	
PA 17 22 5000 5 94 7 77 7 4 77 4 77 4 77 4 7000 LG 4 DOP 4 5000 PA7 94 94 2 7 5 OX (: M/T) 1994.1 2 3 4 5 6 7 8 9 10 7,837 7,068 9,238 8,716 9,151 8,751 8,273 8,562 8,135 8,485 5,410 5,001 5,458 2,753 4,696 4,832 5,198 5,042 4,969 5,216 400 323 1,044 307 515 688 740 719 55 505 7,357 7,041 7,832 5,607 5,168 8,022 7,428 8,226 8,024 7,933 4,998 4,936 4,986 3,816 3,541 4,694 5,319 4,800 5,150 5,138 - 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		PA, 94		가								
94		PA		11	,	6 ,	LG 4		21			
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DATH 94 94 94 94 2 77 OX (: M/T) 1994.1 2 3 4 5 6 7 8 9 10 7,837 7,068 9,238 8,716 9,151 8,751 8,273 8,562 8,135 8,485 5,410 5,001 5,458 2,753 4,696 4,832 5,198 5,042 4,969 5,216 400 323 1,044 307 515 688 740 719 505 505 7,357 7,041 7,832 5,607 5,168 8,092 7,428 8,226 8,024 7,933 4,998 4,936 4,986 3,816 3,541 4,694 5,319 4,800 5,150 5,138 6,498 4,998 4,936 4,986 3,816 3,541 4,694 5,319 4,800 5,150 5,138 6,400 4,705 3,698 2,096 3,672 1,762 2,648 3,718 1,526 1,675 3,648 3,718 2,648 3,718 2,762 1,934 1,703 2,537 1,628 2,533 2,641 2,625 - 939 1,064 PX PX 1994.1 2 3 4 5 6 7 8 9 10 28,639 26,142 29,010 28,449 29,509 27,825 28,063 29,260 28,599 29,209 15,816 18,920 21,036 10,389 21,907 25,087 26,621 25,748 25,854 21,046 14,809 13,479 15,357 9,263 14,630 14,675 14,655 14,800 13,718 14,925 20,086 7,979		94	2 200	ın.		가 가	. 4	가			4 7000	
PA7F 94 94 94 2 7F OX (: M/T) 1994.1 2 3 4 5 6 7 8 9 10 7,837 7,068 9,238 8,716 9,151 8,751 8,273 8,562 18,135 8,485 5,410 5,001 5,458 2,753 4,696 4,832 5,198 5,042 4,969 5,216 400 323 1,044 307 515 688 740 719 505 505 7,357 7,041 7,832 5,607 5,168 8,092 7,428 8,226 8,024 7,933 4,998 4,936 4,966 3,816 3,541 4,694 5,319 4,800 5,150 5,138 4,998 4,936 4,966 3,816 3,541 4,694 5,319 4,800 5,150 5,138 3,496 4,705 3,698 2,096 3,672 1,762 1,526 1,675 3,648 3,718 2,762 1,526 1,675 3,648 3,718 2,762		LG			OP	4 5000						
OX 1994.1 2 3 4 5 6 7 8 9 10						3330						
PX 1994.1		PA가	94			94	2 가					
PX 7,837	ОХ										(: M/T)
5,410 5,001 5,458 2,753 4,696 4,832 5,198 5,042 4,969 5,216 400 323 1,044 307 515 688 740 719 505 505 7,357 7,041 7,832 5,607 5,168 8,092 7,428 8,226 8,024 7,933 4,998 4,936 4,986 3,816 3,541 4,694 5,319 4,800 5,150 5,138 - - - 2,648 3,718 - - - - - - 3,496 4,705 3,698 2,096 3,672 1,762 -			1994.1	2	3	4	5	6	7	8	9	10
400 323 1,044 307 515 688 740 719 505 505 7,357 7,041 7,832 5,607 5,168 8,092 7,428 8,226 8,024 7,933 4,998 4,936 4,986 3,816 3,541 4,694 5,319 4,800 5,150 5,138 - - - 2,648 3,718 -			7,837	7,068	9,238	8,716	9,151	8,751	8,273	8,562	8,135	8,485
PX 1994.1 2 3 4 5 6 7 8 9 10			5,410	5,001	5,458	2,753	4,696	4,832	5,198	5,042	4,969	5,216
Hand the second												
PX 1,934												
PX 1,934									5,319	4,800	5,150	5,138
PX 1,934									-	-	-	-
PX 1994.1 2 3 4 5 6 7 8 9 10 28,639 26,142 29,010 28,449 29,509 27,825 28,063 29,260 28,539 29,209 15,816 18,920 21,036 10,389 21,907 25,087 26,621 25,748 25,854 21,046 14,809 13,479 15,357 9,263 14,630 14,675 14,658 14,880 13,718 14,925 20,086 5 50 7,979 6,991 25,491 24,331 26,663 27,006 19,761 12,636 21,959 26,532 25,997 15,571 17,269 18,264 14,984 21,649 18,036 20,791 17,708 16,882 19,585 14,000 14,000 14,000 9,900 13,000 13,000 14,000 13,000 14,500 15,000 4,498 10,420 6,448 5,715 5,999 1,509 - 2,912 - 2,842 6,060 2,926 14,290 5,843 8,719 996 - 1,003 1,939 - 2,002 27,184 24,002 30,017 21,679 24,890 28,170 2,912 5,494 - 1,003 16,766									-	-	-	-
PX 1994.1 2 3 4 5 6 7 8 9 10									2 625	-	939	1 064
28,639 26,142 29,010 28,449 29,509 27,825 28,063 29,260 28,539 29,209 15,816 18,920 21,036 10,389 21,907 25,087 26,621 25,748 25,854 21,046 14,809 13,479 15,357 9,263 14,630 14,675 14,658 14,880 13,718 14,925 20,086 - - - - - 7,979 - - - 6,991 25,491 24,331 26,663 27,006 19,761 12,636 21,959 26,532 25,997 15,671 17,269 18,264 14,984 21,649 18,036 20,791 17,708 16,882 19,585 14,000 14,000 14,000 9,900 13,000 13,000 14,000 13,000 14,500 15,000 - - 4,498 - - 10,420 6,448 5,715 5,999 1,509 - 2,912 - - 2,842 6,060 2,926 14,290 5,843	PX		1,004	1,700	2,001	1,020	2,000	2,041	2,020			
15,816 18,920 21,036 10,389 21,907 25,087 26,621 25,748 25,854 21,046 14,809 13,479 15,357 9,263 14,630 14,675 14,658 14,880 13,718 14,925 20,086 - - - - - 7,979 - - - - - - - 50 - - - - - 6,991 25,491 24,331 26,663 27,006 19,761 12,636 21,959 26,532 25,997 15,571 17,269 18,264 14,984 21,649 18,036 20,791 17,708 16,882 19,585 14,000 14,000 14,000 9,900 13,000 13,000 14,000 13,000 14,500 15,000 - - 4,498 - - 10,420 6,448 5,715 5,999 1,509 - 2,912 - - 2,842 6,060 2,926 14,290 5,843 8,719 - </td <td></td> <td></td> <td>1994.1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> <td>10</td>			1994.1	2	3	4	5	6	7	8	9	10
14,809 13,479 15,357 9,263 14,630 14,675 14,658 14,880 13,718 14,925 20,086 - - - - - - 7,979 - - - 6,991 25,491 24,331 26,663 27,006 19,761 12,636 21,959 26,532 25,997 15,571 17,269 18,264 14,984 21,649 18,036 20,791 17,708 16,882 19,585 14,000 14,000 9,900 13,000 14,000 13,000 14,500 15,000 - - 4,498 - - 10,420 6,448 5,715 5,999 1,509 - 2,912 - - 2,842 6,060 2,926 14,290 5,843 8,719 - - 996 - 1,003 1,939 - 2,002 - - 27,184 24,002 30,017 21,679 24,890 28,170 - - - - - - - </td <td></td> <td></td> <td>28,639</td> <td>26,142</td> <td>29,010</td> <td>28,449</td> <td>29,509</td> <td>27,825</td> <td>28,063</td> <td>29,260</td> <td>28,539</td> <td>29,209</td>			28,639	26,142	29,010	28,449	29,509	27,825	28,063	29,260	28,539	29,209
20,086 - - - - 7,979 -					21,036		21,907					
50			14,809	13,479	15,357	9,263	14,630	14,675	14,658	14,880	13,718	14,925
6,991 25,491 24,331 26,663 27,006 19,761 12,636 21,959 26,532 25,997 15,571 17,269 18,264 14,984 21,649 18,036 20,791 17,708 16,882 19,585 14,000 14,000 14,000 9,900 13,000 14,000 13,000 14,500 15,000 - - 4,498 - - 10,420 6,448 5,715 5,999 1,509 - 2,912 - - 2,842 6,060 2,926 14,290 5,843 8,719 - 996 - 1,003 1,939 - 2,002 - - 27,184 24,002 30,017 21,679 24,890 28,170 - - - - - - - 2,912 5,494 - 1,003 16,766 - - - - - -			20,086	-	-	-	-	-	7,979	-	-	-
15,571 17,269 18,264 14,984 21,649 18,036 20,791 17,708 16,882 19,585 14,000 14,000 14,000 9,900 13,000 14,000 13,000 14,500 15,000 - - 4,498 - - 10,420 6,448 5,715 5,999 1,509 - 2,912 - - 2,842 6,060 2,926 14,290 5,843 8,719 - - 996 - 1,003 1,939 - 2,002 - - 27,184 24,002 30,017 21,679 24,890 28,170 - - - - - - - 2,912 5,494 - 1,003 16,766 - - - - - -			-	-	-	-	50	-	-	-	-	-
14,000 14,000 14,000 9,900 13,000 14,000 13,000 14,500 15,000 - - 4,498 - - 10,420 6,448 5,715 5,999 1,509 - 2,912 - - 2,842 6,060 2,926 14,290 5,843 8,719 - - 996 - 1,003 1,939 - 2,002 - - 27,184 24,002 30,017 21,679 24,890 28,170 - - - - - - - 2,912 5,494 - 1,003 16,766 - - - - - -												
- - 4,498 - - 10,420 6,448 5,715 5,999 1,509 - 2,912 - - 2,842 6,060 2,926 14,290 5,843 8,719 - - - 996 - 1,003 1,939 - 2,002 - - 27,184 24,002 30,017 21,679 24,890 28,170 - - - - - - - 2,912 5,494 - 1,003 16,766 - - - - - -									· ·			
- 2,912 - - 2,842 6,060 2,926 14,290 5,843 8,719 - - 996 - 1,003 1,939 - 2,002 - - 27,184 24,002 30,017 21,679 24,890 28,170 - - - - - - 2,912 5,494 - 1,003 16,766 - - - - -			14,000									
- - 996 - 1,003 1,939 - 2,002 - - 27,184 24,002 30,017 21,679 24,890 28,170 - <			-									
27,184 24,002 30,017 21,679 24,890 28,170 -			-						2,926		5,843	8,719
- 2,912 5,494 - 1,003 16,766			- 27 19/						-	2,002	-	-
									-	- -	-	-
0,.00 .,000 .0,000 .0,000 .0,000			8,493	7,362	10,676	10,230	13,673	12,043	16,605	-	10,184	9,454

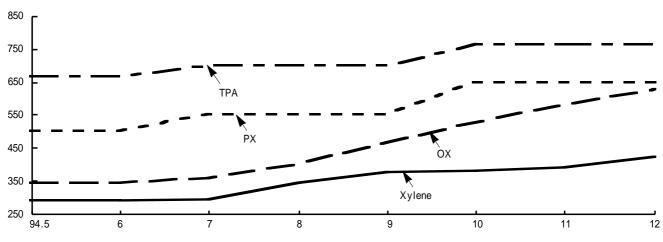
2 2000 93 27.2% 가 , 3 2000

93 48.1%

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94
                          가 가
가
                가
                96 100%
   48
94
           12
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                PVC, DOP
95 가
16 17%, 8%,
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94
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PA 가 71%,
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94 4/4 DMT 가
                가 850 3/4 720~750 13%
가 94 4/4 950
                       95 1/4 가
TPA 가 DMT
                             TPA
DMT
           가
                         90%
                                 가
95
     151 6800
   153 6800 94 18.9% 가
    151 6800 94 130 1000 16.6%
113 6800 25.9% 가 40 94
                                  가
              25.9% 가 40 94
              25.9% 기
Tatoray가
OX 가 20
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                                        2.6%
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가
OX
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PX 가가 가
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             8.4% 17 6600 , 94 16 9600
OX 94 19 1600
1.2% 가 17 1600
OX
               , · · · LG
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, 94 9 23% 94 25% 가 7 5000 93 7 3000 10 가 93 6 PTA 가 PX PX 94 72 1000 95 98 7000 36.9% 7
 94
 63
 7000
 95
 90
 2000
 41.6%

 94
 8
 4000
 95
 8
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 1.2%
 가 94 8 4000 95 40 27% 가 31 5000 PTA 가 PX 가 가 PTA PTA PX PX PX PTA 95 5 5 가 95 7 27 32 2 . 1700 PΧ 60 26 , 30 95 10 34 100 2 2 1400 20 PX 가 95 가 37 Xylene 가 (: /MT)



가 PTA PTA 가 1200 PTA PTA 95 95

가 PX 가 95 96

PTA 95 191 9	141 3000 180 , 94 18 8000		, 4 5500 35.2%, 30.7%, 137.4	95 9%
PTA 1609	가 25	95	630	15 , 95
06	96	20		1529
96 DMT 2.9%	가	25 93 11 3500	94 11 9500	5.3% 가 95
95 DMT 9 1300		94 11 6000 14.5% 가가	9.5% 가 , 2	, 94 3700 2 2500
가 ,	300	95 11	, 16	· . 가

PTA

Xylen	е		(: MT/)	가 PTA 가
			가	PTA
Xylene		429,000	70	
		60,000	79	PX
		333,000	90	
		326,000	91	95 1/4 PTA
		260,000	92	가 94 4/4
		38,000	92	75
		41,000	92	15
OX		80,000	90	DT A IOI
		60,000	80	PTA ICI
PX		350,000	90	940 , =
		385,000	90	井 930 三
TPA		180,000	80	菱化學,
		250,000	90	가
		600,000	80	
		250,000	90	A moco 920 94 12
		210,000	89	80 ,中美和
PA	LG	40,000	92	石化 가 95
		60,000	83	900
		110,000	72	
DMT		120,000	89	PTA
				中美和石化 PX가 95

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가가 200
         PTA
                                         95 PTA가 1000
      94 4/4
                PTA 가 800
                       PTA 中美和石化 가
, 94 4/4 10
                                            10~20 가
     10 ~ 20
                가
                           가
                     PTA
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            195
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               中美和石化가 100 , 25 , ICI 東展實業
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                         中美和石化가 95 35 ,
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          ICI가 94
                    5 , 97 45 , 東展實業
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 Capco
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                , 95 가
 Capco
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      94 PTA
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                  35
\mathsf{PX} \cdot \mathsf{TPA} \cdot \mathsf{PA}
                                                              ( : M/T, )
               150,000
      TPA
                             630
                                                     94.12
      TPA
               250,000
                             1.609
                                                     95.7
                             -
      TPA
               200,000
                                                     96.6
      TPA
               250,000
                             1.529
                                                     96.8
      PX
                60,000
                              100
                                                     95.12
       PX
               185,000
                             1.500
                                                     95.12
       РΑ
                50,000
                              300
                                                      95
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TPA
                            \mathsf{PX}
                                                                                     TPA
        PX
                가
                            가
    PX,
     РХ
                                        1/4
                                                             22.25
                                                                                       가
                                                                                              3/4
                                   94
        24
                             , 4/4
                                          28
           가
                   94
                        3/4
                                                                   4/4
                                                                                29
                                  , PET
                                                            PTA
                                                                     가
                                                                                      , PX
        가
     OX
                                                   가
                      ОХ
                                                                      ОХ
     РΧ
                                           가
                                               가,
                                                                            가
                                                                       가
                                   OX
                                                       가
                                                                                          가
                                                                                                      가
                                        РХ
                      가
                                                                        , 94
                                                                                              가
                                                                               4/4
            26
          \mathsf{PX} \cdot \mathsf{OX}
                                              가
                                                                          가
                                                     95
                PX \cdot OX
                                                                PX가
                                        95
                                              1/4
                                                                                 1040DM
                                                                                              OX가
          200DM
                       가
                                              \mathsf{OX}
                                                    3
                                                           가
            Exxon
                      1/4
                                          31
                                                                                           1/4
                                        가
                                                                           가
                                                                                                      가
     가
                      29.5
          PΑ
                PΑ
                                  가
                                                  가
                                                                                                    가
            94
                                                                                 , PA
          90%
                                 가
  Xylene
                       (1993)
                                                                     PTA
                                       (
                                            : 1000M/T)
                                                                                                            : M/T)
                        Meta-
                                              Mixed-
            Ortho-
                                   Para-
                       Xylene
            Xylene
                                  Xylene
                                              Xylene
                                                                   CAPCO
                                                                                         250,000
                                                                                                            96
               42
                                                447
                                                                                         250,000
                                                                                                            95
               76
                                                439
                                     280
                                                                                         250,000
                                                                                                            95
               457
                                   2,921
                                              5,870
                          110
                                                                                         140,000
                                                                                                            95
              792
                                   1,544
                                              3,288
                                                                                         380,000
                                                                                                            95
              302
                                   2,200
                                              3,984
                           55
                                                                                         500,000
                                                                                                            96
                                                                   Amoco
             1,209
                                   3,057
                                              5,491
                                                                                         250,000
                                                                                                            96
* SRI
                                                                   三井石化/Amoco
                                                                                         350,000
                                                                                                            97
                                                                   三井物産
                                                                                         350,000
                                                                                                            96
                                                                                         250,000
                                                                                                   96(98 40 가)
                                                                                         250,000
                                                                                                            98
                                                                                         350,000
                                                                                                            97
                                                                                         250,000
                                                                                                            98
```

230,000

99

PA가 94 O X가 가 , PA가 PA 3~4% 95 5 PA Koppers Industries Stepan Koppers 5000 PA 10 PA 94 가 Sisa Pantochim 95 Feluy PA 10 . PA Pantochim 가 가 가 PA 90% 1500 가 94 PΑ 가 OX가 가 OX가 95

< 1995/3/1>