

		15 20 20 30 48 50 38 160 30 44 48 70 20 25 80		40 20 80 120 450 30 25 25 20 10 40 50 55 2290	
		894 975 975 1,320 1,905 2,175 2,355	2006 2007 2008 2009 2010 2011 2012	671 731 731 990 1,429 1,631 1,766	2006 2007 2008 2009 2010 2011 2012
		599 235 100 78 250 700 200 350 30 50	2008 2008	749 119 47 400 60 1030 250 450 25	2008 2008
		2592 2342 250	KT KT KT	3130 2855 275	KT
	GPC/ FOFC/	85 20		294 140 245 OK 160 880 NK	2007 2007
		105 105 0		1719 1419 300	

		NPC TOC LRPC(former TR) ROC ROC NPC TOC PTTCH(TOC) PTTCH(TOC) PTTPE MOC(Si and DOY)	436 385 360 600 200 25 300 130 100 1000 860 4396 2436 1960	1990 1995 1997 1999 2001 2005 2004 2007 2008 2009 2010	KT				
		TPH TPE TPE SI AMIRPOLYETHYLENE	158 120 100 300	1982 1990 1995 2000					
		PTTCH PTTPE(NPC) SPE	300 400 350	2008 2009 2010					
		PTTCH NPC BPE	152 400 250 180 250 50	1985 1990 1994 2001 2004 2005					
		PTT MOC(Si and DOY) BANGKOK POLYETHYLENE	100 300 250	2009 2010 2009					
			1728 678 1050	KT					
			1932 1282 650	KT					
		ETHYLENE MALAYSIA TI TAN OPTI MIL TI TAN TI TAN TI TAN ETHYLENE MALAYSIA	400 560 600 70 70 50 40 1790 1700 90	1998 1999 2001 2002 2004 2008 2008	KT				
		ETHYLENE MALAYSIA TI TAN PETLINE	120 205 250	1995 1999 2002					
		TAI TAN ETHYLENE MALAYSIA TI TAN	230 120 100	1995 1995 2002					
		TI TAN	15	2008					
			590 575 15	KT					
			465 450 15	KT					
		RELI ANCE GAIL HPL I OC Osval Agro ONCC	800 85 155 300 400 300 140 466 90 350 800 35 1,100 2,541 2,480	2006 2006 2007 2009 2010					
		LDPE RELI ANCE Osval Chem Osval Agro	80 80 13 5 26 5						
		LLDPE RELI ANCE GAIL HPL I OC ONCC	220 400 160 120 225 350 660	2008 2009 2010					
			1,205 1,130						
			1,525 760						
		N L							
		N L							
		JG SUMMIT BATAAN POLYETHYLENE	90 125	1998 2000					
		JG SUMMIT BATAAN POLYETHYLENE	90 125	1998 2000					
		N L							
		0							
		0							
		0							
		DOWSHELL Qenos/Botany Qenos/Al tona Huntsman	450 290 180 50	Dec-06					
		Qenos/Botany LDPE Qenos/Botany LLDPE Qenos/Botany LDPE	90 130 10						
		Qenos/Botany Qenos/Al tona	30 180						
		PCS ExxonMbi l Chemical Shel l	1100 800 100 1000 800 3800 2000 1800	2006 2011 2010					
		TPC ExxonMbi l Chemical	400 -140 470 50 1300	2006 2007 2011					
			2080 730 1350						
			390 390 0						
		PT Chandra Asri di tto	525 70	1995 2009					
		PT Chandra Asri PT Titan Petrokimi a Nusan tara di tto	100 250 200	1995 1993 1998					
		2006 07 12	525 70						
		2006 07 12	550 0						
		PT Ti tan Petrokimi a Nusan tara :	PEIN						
			200 0	1995					
			200 0						

		TPC TPC TPC VI NYTHAI VI nythai	140 300 60 187 200	1990 1998 2000 1992 2006	TPC VI NYTHAI VI NYTHAI	120 150 160	1990 1992 2007	TOC G ycol	300	2006	
								TOC G ycol	100	2008	
			887 887 0	KT		430 430 0	KT		400 300 100	KT	
		VONSB	400	2000	TI TAN PETRONAS	150 330		OPTI MAL	365	2001	
			400 400 0	KT		0 0 0	KT		365 365 0	KT	
		SHRI AM RELI ANCE RELI ANCE CHEMPLAST NOC L FI NOLEX DOV	(KOTA) (BARODA) (GANDHAR) (HAZI RA) (METTUR) (THANE) (RATNAG RI) (RATNAG RI) (SAHUPURAM)	33 55 200 170 20 60 130 130 65	RELI ANCE CHEMPLAST NOC L FI NOLEX DOV	(BARODA) (GANDHAR) (HAZI RA) (METTUR) (THANE) (RATNAG RI) (SAHUPURAM)	95 130 125 58 50 80 52	RELI ANCE RELI ANCE I OC	(HAZI RA) (JAMNAGAR) (BARODA) (NAGOTAN) (GANDHAR) (PAN PATT)	450 500 7 39 50 130 500 300	2008 2008 2007
			733 130			590 0			637 1,339		
		PAKISTAN PVC	6		N L			N L			
		N L			N L			N L			
		N L			N L			N L			
			0			0			0		
			0			0		Huntsman	10		
								Shel l	122 750	2010	
									872 122 750		
		PT Asahi nas Chem di tto PT Satone Indovyl Minoner	150 250 100	1994 1997 1998	PT Asahi nas Chem di tto PT Satone Indovyl Minoner di tto	155 315 200 165	1994 1999 1993 1997	PT Pri na Ethycol i ndo di tto di tto	80 20 120	1992 1995 1998	
			2006 07 12	500 0		2006 07 12	835 0		220 0		

	ATC EXXON THAI OIL ATC	390 500 350 100	1997 1999 2002 2004	TUNTEX SNRC SNRC SNRC SNRC TPT INDRAMA	420 400 400 50 50 500 100 700	1995 1999 2002 2003 2004 2005 2006 2006	ATC TPX ROC	330 110 120 109 40 134	1997 1997 1999 1999 2001 2004
	ATC TPX	610 110	2008 2008				ATC TPX ROC	360 180 190	2008 2008 2010
		2060 1340 720	KT		2620 2620 0	KT		1573 843 730	KT
	ANSB ANSB	420 80	2000 2005	bp	600	2000	TI TAN ANSB ANSB	100 150 30	1999 2000 2005
		500 500 0	KT		600 600 0	KT		280 280 0	KT
	RELIANCE (PATALGANGA) (JAMNAGAR) (BARODA) AROCHEM (CHENNAI) EDVC (RASAYAN) IOC (PAN PAT)	200 1,450 71 140 90 360	2007	RELIANCE (PATALGANGA) (HAZIRA) MOCPTA (HALDI A) IOC (PAN PAT)	280 1,000 700 470 800 553	2006 2008 2007	IOC (BARODA) RELIANCE (BARODA) (HAZIRA) AROCHEM (CHENNAI) BOMBAY DYEING MFG HFCL (HALDI A) NODL (THANE)	100 24 174 90 200 76 380	
		1,951 360			1,750 2,063			664 380	
	N L			PAKISTAN PTA (PORT QASIM)	400 25	2008	PAKISTAN REFINERY NATIONAL REFINERY	5 5	
	N L			N L			N L		
	N L			N L			N L		
		0			0			0	
		0			0		B-P	60	
	ExxonMobi l Chemical SINGAPORE AROMATICS Jurong Aromatics	400 80 350 800	2011 2012				PCS ExxonMobi l Chemical ExxonMobi l Chemical SINGAPORE AROMATICS Jurong Aromatics	270 350 340 160 450	2011 2012
		1630 750 880						1570 780 790	
	Pertamina TPPI di tto di tto	270 500 100 600	1990 2006 2006 2010 -	Pertamina Mitsubishi Chemical Indonesia di tto di tto PT Polysindo Eka Perkasa PT Aneco Mitsui PTA Indonesia di tto PT Polypri na Karyaeksa di tto	225 300 300 40 350 350 100 350 50	1997 1994 1996 2000 1997 1997 2000 1997 2004	Pertamina TPPI di tto	123 207 207	1990 2006 2010 -
		2006 07-12			2006 07-12			330 207	
		TPPI : PT Trans Pacific Petrochemical Indonesia							

		ATC	170	1997	TPH	150	1997
		TPH	130	1997	THAI OIL	480	1998
		RCC	65	1999	ESSO Thai	395	1999
		RCC	134	2003	ATC	660	2004
		ATC	110	2002	THAI OIL	150	2007
		ESSO THAILAND	330	1999			
		TPX	130	2008			
		ATC	60	2008	TPX	200	2008
		MOC DOWSIAM	90	2010	ATC	630	2008
					MOC DOWSIAM	140	2010
			1219	KT		2805	KT
			939			1835	
			280			970	
		TI TAN	60	1999	TI TAN	40	1999
			60	KT		40	KT
			60			40	
			0			0	
		RELIANCE (HAZIRA)	110		RELIANCE (JAMNAGAR)	270	
		IOC (BARODA)	60		(BARODA)	21	
		OSWAL (MUMBAI)	60		AROCHEM (CHENNAI)	30	
			230			321	
		PAKISTAN REFINERY	5		PAKISTAN REFINERY	5	
		NATIONAL REFINERY	5		NATIONAL REFINERY	5	
		N L			N L		
		N L			N L		
			0			0	
		BHP	20		BHP	10	
		PCS	135		PCS	70	
		ExxonMobil	150		SHELL	100	
					Jurong Aromatics	200	2012
		TPPI	100	2006	TPPI	120	2006
			100			120	
		2006	0		2006	0	
		07 12			07 12		

	BASF	280	2007			INEOS	200 2009
	Total	230	2009				
	Ineos	100	2009				
	OW	110	2007			SABIC	150 2009
	Ruhr Gel	70	2007				
	DOW	60	2007				
				DOW	300 2007		
				SABIC Euro	400 2008	INEOS	180 2008
	Repsol	40	2007	Repsol	300 2010		
		160	2010				
	Borealis	50	2007				
				Borealis	350 2010		
		24,378			9,665		5,865
		640			1,350		170

BANDAR, I nam	100	2008	NPC, #6	300	2007			
BANDAR, Khonei ni			NPC, #9	300	2008	NPC, #9	300	2008
NPC, #7	1,100	2007	NPC, #10	300	2008	NPC, #10	450	2008
NPC, #9	1,000	2008						
NPC, #10	1,320	2008						
NPC #5, #8, #13	370	12						
CANIL CLEFIN	40	2007						
EQUATE-2	850	2008	EQUATE-2	225	2008	EQUATE-2	225	2008
QAPCO	195	2007	QAPCO	200	2007	Q-CHEM	350	2009
RAS LAFFAN	1,300	2009	Umm Sai d					
Honam	1300	2013	RAS LAFFAN	450	2009			
Exxon	1300	2015	Exxon	300	2013			
Shel l								
SABI C, Yanbu	1,300	2009	SABI C, Yanbu	400	2009	SABI C, Yanbu	400	2009
CHEVRON	240	2008	SHARQ	400	2008	SHARQ	400	2008
SHARQ	1,200	2008	RABI GH PC	600	2008	RABI GH PC	300	2008
RABI GH PC	1,300	2008	Kayan(PMB)	250	2010	Kayan(PMB)	675	2010
Sahara (N C/Zanil)	1,000	2008	Sahara(N C/Zanil)	400	2008	Sahara(N C/Zanil)	400	2008
PMB(Kayan)	1,350	2010	SI PCHEM	400	2013	SI PCHEM	400	2013
SI PCHEM	1000	2013						
CheveronPhillips	1,300	2012	CheveronPhillips	560	2012	CheveronPhillips	560	2012
DowAranto	1300	2013						
DOW	(Pend ng)	2010	DOW	(Pend ng)	2010	DOW	(Pend ng)	2010
BOROUJE	1,400	2011	BOROUJE	270	2011	BOROUJE	270	2011
	11,729			3,745			3,952	
	14,995			4,655			4,330	
SASOL, Secunda	235	2007	POLIFIN Sasol burg	170	2006			
	1,595			615			615	
	235			170			0	

	PARS PC 200 2009	PARS PC 600 2008	GHADI R PC 120 2007 HEGMATANEH PC 39 2007
		Equate 450 2008	
		CHEVRON PHILLIPS 715 2008	IBN Hayyan 450 2010
	281 200	1,195 1,765	580 609
			TRUST CHEM 200 2009
	5 0	0 0	698 200

	G#DI R PC	150	2007			NPC #7	443 2007
						NPC #10	443 2008
						EQUATE-2	600 2008
				Q.C			
	IBN Hyyan	500	2010	Sahara	300 2011	SHARQ Al Jubail I	700 2008
						RABI GH PC	600 2008
						SABI C, Yanbu	700 2009
						PMD	475 2010
						Exxon	700 2013
	Qhan Q I			OMAN Q I / LG			
		1,049			2,146		3,963
		660			300		3,961
	TRUST CHEM	400	2009	TRUST CHEM	332 2009		
		445			920		0
		400			332		0

	IPCC, Arona	430	2007	PARS PC (I PC) PERSI AMIQLF PC	24 2009 196 2009
					NPC
					948 2007
	PI K	330	2008	PI C	412 2009
					PI C
					950 2009
					Qatar PC
					600 2012
	CHEVRON	330	2008	Chevron	30 2008
	SASREF	100	2010		
	YNPC	200	2009		
					Arano
					800 2011
	OMAN Q L	210	2009	OMAN Q L	220 2009
					AROMATI C OMAN
					950 2009
		2,207			654
		1,600			882
					2,570
					4,248
		0			33
		0			0
					309
					0

	NPC #4	750	2008
	PLC	830	2009
		Quf	750 2011
	QWNL	800	2009
	TAKREER	500	2011
		1,200 2,880	1,050 750
		0 0	0 0

	SALAVATNEFTEGROSI NIEZ 54			ANGARSKAYA NEFTEKH MICHESKAYA KONMAN YA 50			AZOT (NOVOMOSK) 54		
	ANGARSKY ZAVOD POLI MEROV 15			SALAVATNEFTEGROSI NIEZ 200			SI BUR-NEFTEKH M 34	S/D	2010
	POLJ STI ROL (Omsk) 93			N ZHNEKANBNEFTEKH M 300					2010
	UZLOVAYA PLASTI K 31			SI BUR KH MROM(Perm) 46	100	2005	PLASTKARD 65	80	2009
	N ZHNEKANBNEFTEH M 50	100+50	+	UZLOVAYA PLASTI K 45			VOLGOGRAD KH MROM 30		
	POLYFLEX (Kiri shi) 50+50		+	SI NIEZKAUCHUK, Sungai t 29			STERLI TANAK KAUSTI K 120+60		+
	STI ROL 52			ATYRAU, Atyrau 300			SAYANSKH MRLAST 250	400	2010
	DNEPROZOT 109						USOLYEKH MROM 24		
	AKPO 210						DNEPROZOT 50		
	SI BUR KH MROM(Perm) 50		2010				LUOCR 200		2011
							PERVOMAYSK KH MROM 30		
as		05	714	05	806	05	700		
		(06 11)	100	(06 11)		(06 11)	529		
	LUKOIL 2			LUKOIL 4			NOVACKE CHEMCKE 10		
	KAUCUK 15			KAUCUK 17			SPOLANA 13		
	2		2008				BORSODCHEM 40		
	DUNASTYR 10								
	Dwory 5			DWORY 12			ANWIL 28		
				6		2008	10		2010
							ZAT 10		2002
							DWORY 3		
	PETROM 3			PETROM 3			OLTCHIM 18		
	INA-OKI 6								
	()			()			()		
	30 04		40	04	36	04	109		
	(05 10)		2	(05 10)	6	(05 10)	10		

	NOVOSIBIRSK ORGSI NIEZ	45			SI BUR NEFTEKH M	96		SI BUR NEFTEKH M	200 230
	SI BUR NEFTEKH M	36	S/D	2010	STERLI TAMAK KALISTI K	120		KAZANORCSI NIEZ	35
		360		2010	SAYANSKXH MRLAST	45		N ZHNEKANSKNEFTEKH M	131
	STERLI TAMAK KALISTI K	135+65	+	2006	LUKOR	436		SALAVATNEFTEORCSI NIEZ	23
	SAYANSKXH MRLAST	270+200	+	2010	AZEHKHEMI	40		PETROKAM(N zhnekansk)	60
	USQLYEKH MPROM	26							
	PLASTKARD	64+50	+	2007					
	VOLGORAD KH MPROM	27							
	LUKOR	250							
as									
	05 (06 11)	854 429			05 (06 11)	737		05 (06 11)	449
					POLIMERI	12		LUKOIL	10
	NOVACKE CHEMCKE	9			NOVACKE CHEMCKE	9		SLOVNAFT	4
	SPOLANA	13			SPOLANA	20			
	BORSODCHEM	35			BORSODCHEM	45			
	ANWL	28			ANWL	48		PKN ORLEN	11
		10		2007		16		2010	
	OLTCHIM	20			OLTCHIM	33		PETROM	3
	()				()			()	
	04 (05 10)	105 10			04 (05 10)	167 16		04 (05 10)	28

	ANGARSK	176			MOSCOWO L REFINERY	100			SARATOVORSI NIEZ	150
	KAZANORSI NIEZ	52			TOMSKY NEFTEKH MICHESKY ZAVOD	100	130	2006	POLI MIR	85
	STAVROLEN (Stavropl)	128			UFACRSI NIEZ	100				
	TOMSK NEFTEKH MICHESKY ZAVOD	139			LI NCS	100				
	ETANCL (Sanara)	28			N ZHEKAMSKNEFTEKH M	180		2006		
	N ZHEKAMSKNEFTEKH M	181+120	+	2008	SI BUR-NEFTEH M	120		2010		
	SI BUR-KH MIPROM (Perr)	46			TQBLSKNEFTEKH M	500		2010		
	SI BUR-NEFTEH M (Kstovo)	131	160	2009	STAVROLEN (Stavropl)	80		2007		
	UFACRSI NIEZ	133			TURKMINBACH KOMPLEX	100+130	+	2010		
	SALAVATNEFTECRCSI NIEZ	144			POLI MIR	80		2011		
	MOSCOWO L REFINERY	100								
	LUKOR	117								
	POLI MIR	98+90	+	2011						
	SI NIEZKAUCHUK (AZERKHEM)	88								
	TQBLSKNEFTEKH M	510		2010						
	TURKMINBACH KOMPLEX	105								
as										
		05	1,666		05	500			05	235
		(06 11)	689		(06 11)	890			(06 11)	
	LUKOIL	7			LUKOIL	10			LUKOIL	3
	SLOVNAFT	27			SLOVNAFT	25				
	CHEMOPETROL	35			CHEMOPETROL	25				
	TVK	42			TVK	10		2008		
						29				
	PKN ORLEN	26			BASELL-ORLEN	15				
		19		2006	BASELL-ORLEN	25		2006		
	PETROM	19			ROMPETROL	8			PETROM	8
	ROMPETROL	10								
	HIP	9			HIPO ODZACI	3				
		()				()				()
		04	165		04	115			04	11
		(05 10)	19		(05 10)	35			(05 10)	

(NAFTA)								
	Alcoa Kama	36		Ineos Nova	500		Certain-Teed Products	204
	American Polymers	32		Chevron Phillips	950		Calarite	54
	American Polystyrene	16		Qos-Mir	908		Dow	68
	Ineos Nova	345			252	2005	Formosa Plastics	1,138
	Chevron Phillips	363		Dow Chemicals	656		Georgia Gulf	1,234
	Dart	45		Lyondel	1,260			20
	Dow Chemical	619		Ineos Nova	570		Oxyvinyl	1,837
	GE Plastics	23			201			(100)
		(23)	2006	Sterling	770		Polylene	110
	Huntsman	23			(770)	2008	Shintech	1,860
	Fkint Hills	82		Westlake Styrene	215			590
	Ineos Nova	801					Westlake	657
		(182)	2006					
		(173)	2007		6,081			
	Styrochem	54			201	2007		
	Total Petrochemicals	750			(770)	2008		7,062
								590
		2,984			5,512			20
		(173)	2007					2007
								2008
		2,811						7,672
	Dow Chemicals	136		Ineos Nova	430	2007	Oxyvinyl	450
		(136)	2006	Shell Canada	455			(170)
	Huntsman	30					Georgia Gulf	208
	Nova Chemicals	63						
		(63)	2007		885			
	Plasti-Feb	7			0			488
	Styrochem International	16						0
					885			488
		116						
		(63)	2007					
		53						

(NAFTA)				
	Al on	165	Al on	99
	BASF Fi na	62	BP	2,240
	BP	838	Chal nette Refi ni ngs	353
	Chal nette Refi ni ngs	180	Chevron Phi lli ps	33
	Chevron Phi lli ps	209	Chevron Texaco	311
	Chevron Texaco	363	Ci tgo	1,299
	Ci tgo	1,128	Conoco Phi lli ps	404
	Conoco Phi lli ps	1,017	ExxonMobi l	2,150
	Dow Chemical	33	Flint Hi lls Resources	1,095
	Equi ster	90	Fronti er OI	115
	ExxonMobi l	2,070	Hovensa	415
	Flint Hi lls Resources	898	Lyondel l - Ci tgo	328
	Fronti er OI	134	Marathon Ashl and	143
	Hovensa	557	Shel l	200
	Lyondel l - Ci tgo	360	Sunoco	664
	Marathon Ashl and	171	Total PC	464
	Mil i va	112	Val ero	266
	Shel l	823		
	Sunoco	869		
	Total PC	289		10,569
	Val ero	179		
	Val ero (Forme r Prento r)	323		
		10,870		
	Coastal PC	12	Coastal PC	37
	Imperi al OI	229		2006
	Nova Chemical s	269	Imperi al OI	218
	Petro-Canada	484	Petro-Canada	180
	Shel l Canada	471	Shel l Canada	100
	Suncor	160	Suncor	138
		1,625		756

	Penex	1,227		Penex	370		Penex	200	
		182	2006		89	2005			
		(182)	2010	(LL)	300	2006		200	
		275	2010						
		275	2010						
		1,684			670				
		182	2006	(LL)	300	2006			
		93	2010						
		275	2010						
	Braskem	1,290		Braskem	210		Braskem	315	
		120	2007	LL	400		55	2005	
	Copesul	1,195		LL	30	2006	75	2008	
		69	2005	Braskem Forner Pol i teno)	150	2006	Ipiranga	400	
	Petroquímica Uniao	500		LL	210		Polietileno Uniao	0	
		200	2008	LL	40	2007	Rio Polímeros	270	2008
	Rio Eteno	520		Dow	145			270	
		520	2005	Ipiranga(LL)	150		Solvay	80	2005
		3,595		Petroquímica Triunfo	160				
		120	2007	Polietileno Uniao	130				
		200	2008	Rio Polímeros (LL)	0				
				LL	270	2006		1,055	
								305	2008
					1,855				
					40	2007			
		833			90			240	
		89	2005		270			30	2006
		50			45				
		100			56				
		600			80			100	
		1,300	2011		300	2011		60	2008
		234	2011		89	2011		300	2011
					200			111	2011
					35	2009			
					550	2011			
		1,583			741			370	
		1,300	2011		35	2009		60	2007
		234	2011		880	2011		300	2011
					89	2011		111	2011

	BASF	170		Penex	150		Policyd	177	
	NARSA	18			100	2009	Polimeros de México	72	2006
		(18)	2006				Mexi Chem	(22)	2006
	Other	82					Primex Mexi Chem	300	2006
	Polydesa	50			150			(20)	2006
		(23)	2007		100	2009			
	Polydes	170						507	
		45	2005						
	Resirene	24							
	Resistol	48							
		544							
		(23)	2007						
	BASF	210		CBE	120		Braskem	499	
	Volecolar	120		Estireno Do Nordeste	160			50	2006
	EDS	120		Ionova	250		Solvey ndupa	237	
		(120)	2002		250	2008		33	2006
	Ionova	120						30	2008
	Tenotenica	7			530				
	Resinor	4			250	2008		819	
								87	2006
		581						30	2008
		76			110			210	
					50	2006			
		52							
		98						326	
								40	2006
								34	2007
		62						180	
		288			160			756	
					50	2006		34	2007

	Penex	701 (200)	2005 2010	Indalpro	230 10 350	2006 2008	Penex	0 (100) 65	2005 2007
	Indepro	150						0 65	2007
		651 140	2010		240 350	2007			
	Braskem	631 80	2007	Ipiranga	150 30	2006 2009	Acri nor	88	
	COPEL	619 35	2005	Braskem	550		88		
	Petrobras	549 76	2006 2007	Suzano (Former Polibrasil)	625 100	2006 2006			
		100 95	2009		60 90	2006 2008			
	Petroquímica Uniao	234 40	2008	Petroquímica Paulínia	0 300	2008			
		65	2008		50	2009			
	Rio Polímeros	100							
		2,209			1,515				
		76	2006		450	2006			
		180	2007		390	2008			
		105	2008		200	2009			
		95	2009						
		346			310				
		56	2005		60	2007			
		225			120 30	2006			
		95 150	2007		320 60	2006			
		392 465	2011		110 20	2005			
		12			450	2011			
		1,070			950			0	
		150	2007		60	2007			
		465	2011		450	2011			

	Penex	240 246	2009	Petrotenex	1,050 450	2007	Penex	195
		240 246	2009	DIM TPA	1,050			195
				Petrotenex (Former Pronol	422	2005		
				TPA	1,472 450	2007		
	Braskem	230		Rhodilaco Industri as- Quimicas	250		Aconilnas	12
		230		MIG	0	2008	Braskem	455
					750		Copesul	265
					250		Petrobras	35
							Petroquimica Uniao	200
				DIM (TPA	68			967
				Nitrocarbon	(68)	2007		
				TPA	318	2007		
					(68)	2008		
					750			
		40						290
								65
								59
		40			0			414

	Penex	524	Penex	449
		524		449
	Braskem	365	Braskem	381
	Copsul	78	Copsul	100
	Petrobras	94	Petrobras	116
	Petroquímica Unai no	211	Petroquímica Unai no	81
		748		153
				831
				2006
		398		340
		134		115
		51		44
		583		499