



Revised March 18, 2011

**NORTHEAST ASIA HDPE QUARTERLY SUPPLY/DEMAND**  
(Thousand Metric Tonnes)

	2010				2011				2012				2010	2011	2012	AAGR (%)			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				09-10	10-11	11-12	
<b>SUPPLY</b>	<b>Actual</b>				<b>Forecast</b>				<b>Forecast</b>				<b>Forecast</b>						
	<i>Capacity</i>																		
	Nameplate	2,214	2,257	2,314	2,333	2,279	2,304	2,329	2,329	2,391	2,563	2,638	2,638	9,119	9,242	10,230	19.4	1.4	10.7
	<i>Operating Rate (%)</i>																		
	Nameplate	85.4	93.3	89.5	90.6	85.1	78.2	85.7	86.2	84.4	81.2	80.7	83.1	89.8	83.8	82.3			
	<i>Supply</i>																		
Production	1,892	2,106	2,073	2,114	1,940	1,802	1,997	2,008	2,019	2,081	2,128	2,191	8,184	7,746	8,420	15.6	(5.4)	8.7	
Imports	1,017	830	905	888	928	917	972	959	996	966	1,016	996	3,640	3,776	3,974	(8.1)	3.7	5.3	
Total Supply	2,909	2,936	2,977	3,002	2,867	2,720	2,968	2,966	3,015	3,047	3,144	3,187	11,824	11,522	12,394	7.1	(2.6)	7.6	
<b>DEMAND</b>	<i>Demand</i>																		
	Film & Sheet	694	686	701	722	722	688	756	756	761	769	795	807	2,803	2,923	3,133	14.6	4.3	7.2
	Injection Molding	526	521	531	548	552	523	580	580	593	600	621	632	2,127	2,235	2,446	15.1	5.1	9.4
	Pipe & Extrusion	305	302	307	317	321	305	336	336	346	350	362	367	1,232	1,297	1,425	15.0	5.3	9.8
	Blow Molding	441	439	444	460	460	439	482	481	489	494	511	518	1,784	1,861	2,012	12.9	4.3	8.1
	Wire & Cable	37	38	38	39	38	39	39	39	40	40	41	41	153	156	161	1.3	2.0	3.0
	Rotomolding	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
	Fiber	131	129	132	136	133	126	140	140	139	140	145	148	528	539	572	15.8	2.2	6.1
	Raffia	149	147	150	155	154	145	162	162	162	164	170	173	600	622	670	19.1	3.7	7.6
	Other	174	172	175	180	179	172	187	187	187	189	195	197	701	725	767	11.9	3.3	5.9
	DOMESTIC DEMAND	2,456	2,435	2,479	2,558	2,559	2,437	2,683	2,680	2,717	2,746	2,840	2,883	9,928	10,359	11,186	14.3	4.3	8.0
	Exports	421	427	460	399	325	283	286	286	300	301	304	304	1,707	1,180	1,208	(14.1)	(30.9)	2.4
	Total Demand	2,877	2,862	2,939	2,957	2,884	2,720	2,969	2,967	3,017	3,047	3,143	3,186	11,635	11,539	12,394	9.0	(0.8)	7.4
Inventory Change	32	74	38	45	(16)	(0)	(0)	(0)	(3)	0	1	1	190	(17)	0				

Revised March 18, 2011

### MIDDLE EAST HDPE QUARTERLY DEMAND SUPPLY BALANCE (Thousand Metric Tonnes)

	2010				2011				2012				2010	2011	2012	AAGR(%)			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2010	2011	2012	09-10	10-11	11-12	
<b>SUPPLY</b>	Actual				Forecast								Actual		Forecast				
	Capacity																		
	Nameplate Capacity	1,676	1,742	1,842	1,900	2,030	2,030	2,030	2,030	2,305	2,305	2,305	2,305	7,160	8,120	9,220	26.4	13.4	13.5
	Operating Rate, %	78.2	78.9	82.0	86.8	81.3	83.7	85.7	87.4	77.2	80.3	85.0	87.6	81.6	84.5	82.5			
	Supply																		
	Production	1,310	1,375	1,510	1,650	1,650	1,700	1,740	1,775	1,780	1,850	1,960	2,020	5,845	6,865	7,610	28.5	17.5	10.9
Imports	305	340	300	275	275	285	280	275	300	295	290	270	1,220	1,115	1,155	121.8	(8.6)	3.6	
Total Supply	1,615	1,715	1,810	1,925	1,925	1,985	2,020	2,050	2,080	2,145	2,250	2,290	7,065	7,980	8,765	38.5	13.0	9.8	
<b>DEMAND</b>	<i>Demand</i>																		
	Film & Sheet	141	144	146	149	153	156	159	162	165	169	173	178	580	630	685	20.8	8.6	8.7
	Injection Molding	120	122	123	125	128	130	132	136	140	142	144	147	490	526	573	35.6	7.3	8.9
	Pipe & Extrusion	110	111	112	114	116	119	121	124	126	128	131	135	447	480	520	73.3	7.4	8.3
	Blow Molding	134	136	137	139	141	144	147	151	153	155	157	160	546	583	625	56.2	6.8	7.2
	Other	53	54	54	54	57	57	58	58	60	61	62	63	215	230	246	112.2	7.0	7.0
	DOMESTIC DEMAND	558	567	572	581	595	606	617	631	644	655	667	683	2,278	2,449	2,649	47.0	7.5	8.2
	Exports	1,030	1,060	1,150	1,260	1,290	1,380	1,410	1,450	1,450	1,480	1,580	1,610	4,500	5,530	6,120	26.9	22.9	10.7
Total Demand	1,588	1,627	1,722	1,841	1,885	1,986	2,027	2,081	2,094	2,135	2,247	2,293	6,778	7,979	8,769	33.0	17.7	9.9	
Net Inventory	27	88	88	84	40	-1	-7	-31	-14	10	3	-3	287	1	-4				

**Note :** We have included the supply - demand numbers for Turkey in the Middle East regional data to synchronise numbers with CMAI World Analysis data

Revised March 18, 2011

**INDIAN SUBCONTINENT HDPE QUARTERLY DEMAND SUPPLY BALANCE**  
(Thousand Metric Tonnes)

	2010				2011				2012				2010	2011	2012	AAGR(%)			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2010	2011	2012	09-10	10-11	11-12	
	Actual				Forecast								Actual	Forecast					
<b>SUPPLY</b>																			
Capacity																			
Nameplate Capacity	326	357	455	455	455	455	455	455	455	455	455	455	1,593	1,820	1,820	21.3	14.2	0.0	
Operating Rate,%	70.6	72.8	61.5	68.1	68.1	72.5	76.9	76.9	81.3	85.7	86.8	91.2	67.8	73.6	86.3				
Supply																			
Production	230	260	280	310	310	330	350	350	370	390	395	415	1,080	1,340	1,570	19.7	24.1	17.2	
Imports	180	200	170	180	130	150	140	140	120	120	130	130	730	560	500	0.0	(23.3)	(10.7)	
Total Supply	410	460	450	490	440	480	490	490	490	510	525	545	1,810	1,900	2,070	10.9	5.0	8.9	
<b>DEMAND</b>																			
Demand																			
Film & Sheet	117	118	118	120	122	125	129	134	135	137	139	140	473	510	551	4.4	7.8	8.0	
Injection Molding	53	54	54	56	58	59	60	62	63	65	67	69	217	239	263	5.9	10.1	10.0	
Pipe & Extrusion	55	56	56	58	60	62	64	67	69	70	71	72	225	253	282	6.1	12.4	11.5	
Blow Molding	112	113	115	116	120	123	127	132	135	137	139	142	456	502	553	5.3	10.1	10.2	
Raffia	68	69	69	70	72	73	75	76	77	78	80	81	276	296	316	1.1	7.2	6.8	
Other	12	12	12	12	13	13	13	13	13	13	14	14	49	51	54	7.2	5.1	4.5	
DOMESTIC DEMAND	417	422	424	432	445	455	468	484	492	500	509	517	1,696	1,851	2,019	4.6	9.2	9.0	
Exports	2	8	15	25	15	15	10	10	5	15	15	15	50	50	50	177.8	0.0	0.0	
Total Demand	419	430	439	457	460	470	478	494	497	515	524	532	1,746	1,901	2,069	6.5	8.9	8.8	
Net Inventory	(9)	30	11	33	(20)	10	12	(4)	(7)	(5)	1	13	64	(1)	1				

Revised March 18, 2011

**NORTHEAST ASIA LDPE QUARTERLY SUPPLY/DEMAND**  
(Thousand Metric Tonnes)

	2010				2011				2012				2010	2011	2012	AAGR (%)			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				09-10	10-11	11-12	
<b>SUPPLY</b>	<b>Actual</b>				<b>Forecast</b>				<b>Forecast</b>				<b>Forecast</b>						
	Capacity																		
	Nameplate	1,269	1,287	1,301	1,301	1,277	1,291	1,305	1,305	1,284	1,298	1,312	1,312	5,158	5,177	5,207	1.1	0.4	0.6
	Operating Rate (%)																		
	Nameplate	85.0	90.0	87.7	91.9	93.8	64.9	64.7	94.4	94.0	93.7	93.7	93.3	88.7	79.4	93.7			
	Supply																		
Production	1,078	1,159	1,141	1,196	1,198	837	845	1,232	1,207	1,216	1,230	1,224	4,574	4,111	4,878	0.4	(10.1)	18.6	
Imports	707	547	474	536	573	563	567	574	606	606	614	614	2,263	2,276	2,439	4.7	0.6	7.2	
Total Supply	1,786	1,706	1,614	1,731	1,770	1,674	1,809	1,805	1,813	1,823	1,844	1,838	6,837	7,060	7,317	1.8	3.2	3.7	
<b>DEMAND</b>	<b>Demand</b>																		
	Film & Sheet	906	835	763	824	942	899	991	993	1,002	1,005	1,016	1,016	3,327	3,826	4,040	(5.9)	15.0	5.6
	Injection Molding	117	108	99	107	123	117	129	129	131	131	133	133	432	498	527	(5.0)	15.3	5.9
	Pipe & Extrusion	76	73	70	73	78	77	81	81	82	83	84	84	292	318	333	(3.4)	8.7	4.8
	Extrusion Coating	134	127	120	125	142	138	148	148	151	151	153	153	506	575	609	0.7	13.6	5.8
	Blow Molding	13	13	14	13	14	14	14	14	14	14	14	14	53	56	57	6.0	4.9	2.6
	Wire & Cable	70	70	70	70	70	67	74	73	70	71	72	72	281	284	284	3.5	1.2	0.1
	Rotomolding	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
	Fiber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
	Raffia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
	Other	86	82	77	82	88	86	92	92	91	91	92	92	327	358	366	(1.9)	9.5	2.2
	DOMESTIC DEMAND	1,403	1,309	1,213	1,294	1,456	1,398	1,529	1,531	1,542	1,547	1,564	1,564	5,219	5,915	6,216	(4.3)	13.3	5.1
	Exports	321	337	365	366	297	275	278	278	272	275	278	278	1,390	1,128	1,102	6.4	(18.8)	(2.3)
	Total Demand	1,725	1,646	1,578	1,660	1,753	1,673	1,807	1,809	1,813	1,821	1,842	1,841	6,609	7,042	7,318	(2.2)	6.6	3.9
Inventory Change	61	60	36	71	18	1	2	(4)	(0)	1	2	(4)	229	17	(1)				

Revised March 18, 2011

**MIDDLE EAST LDPE QUARTERLY DEMAND SUPPLY BALANCE**  
(Thousand Metric Tonnes)

	2010				2011				2012				2010	2011	2012	AAGR(%)			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				09-10	10-11	11-12	
<b>SUPPLY</b>	Actual				Forecast								Actual	Forecast					
	Capacity																		
	Nameplate Capacity	594	594	594	669	669	669	669	744	744	744	744	2,450	2,900	2,975	36.3	18.4	2.6	
	Operating Rate,%	80.8	82.5	80.0	83.0	80.7	82.2	83.7	86.7	79.3	80.7	87.4	91.4	81.6	83.4	84.7			
	Supply																		
	Production	480	490	475	555	540	550	560	580	590	600	650	680	2,000	2,420	2,520	53.6	21.0	4.1
Imports	105	100	95	95	100	97	95	100	100	105	100	98	395	405	403	102.4	2.5	(0.5)	
Total Supply	585	590	570	650	640	647	655	680	690	705	750	778	2,395	2,825	2,923	60.0	18.0	3.5	
<b>DEMAND</b>	<i>Demand</i>																		
	Film & Sheet	218	220	222	225	226	229	230	233	235	238	240	242	885	946	955	84.8	6.9	1.0
	Injection Molding	16	16	16	17	17	17	17	17	17	18	18	18	65	70	70	65.3	6.7	0.9
	Other	18	18	18	18	18	19	19	19	19	19	19	19	72	76	77	53.0	6.6	0.7
	DOMESTIC DEMAND	265	267	270	274	275	279	280	284	286	290	292	294	1,076	1,151	1,162	90.3	7.0	0.9
	Exports	325	330	300	375	365	370	380	389	400	416	460	485	1,330	1,665	1,761	48.6	25.2	5.8
	Total Demand	590	597	570	649	640	649	660	673	686	706	752	779	2,406	2,816	2,923	64.7	17.1	3.8
Net Inventory	-5	-7	0	1	0	-2	-5	7	4	-1	-2	-1	-11	9	0				

**Note :** We have included the supply - demand numbers for Turkey in the Middle East regional data to synchronise numbers with CMAI World Analysis data

Revised March 18, 2011

**INDIAN SUBCONTINENT LDPE QUARTERLY DEMAND SUPPLY BALANCE**  
(Thousand Metric Tonnes)

	2010				2011				2012				2010	2011	2012	AAGR(%)			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				09-10	10-11	11-12	
<b>SUPPLY</b>	Actual				Forecast								Actual		Forecast				
	Capacity																		
	Nameplate Capacity	50	50	50	50	50	50	50	50	50	50	50	50	200	200	200	0.0	0.0	0.0
	Operating Rate,%	98.0	64.0	88.0	100.0	98.0	96.0	94.0	98.0	96.0	94.0	96.0	98.0	87.5	96.5	96.0			
	Supply																		
	Production	49	32	44	50	49	48	47	49	48	47	48	49	175	193	192	(9.3)	10.3	(0.5)
Imports	60	75	55	65	60	70	65	65	70	75	70	75	255	260	290	7.1	2.0	11.5	
Total Supply	109	107	99	115	109	118	112	114	118	122	118	124	430	453	482	(0.2)	5.3	6.4	
<b>DEMAND</b>	<i>Demand</i>																		
	Film & Sheet	75	73	77	80	78	79	81	83	83	84	85	87	305	321	339	(4.4)	5.2	5.6
	Injection Molding	5	6	6	6	6	6	6	7	6	7	7	7	23	25	27	18.3	7.3	6.8
	Extrusion Coating	16	15	16	17	17	18	18	19	19	20	20	20	64	71	79		11.8	10.7
	Other	7	8	9	10	8	9	9	10	9	9	10	10	34	36	38	28.8	5.9	5.6
	DOMESTIC DEMAND	103	102	108	113	109	112	114	119	116	120	122	124	426	453	482	(1.0)	6.4	6.5
	Exports	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
Total Demand	103	102	108	113	109	112	114	119	116	120	122	124	426	453	482	(1.0)	6.4	6.5	
Net Inventory	6	6	(9)	2	0	7	(2)	(5)	2	2	(4)	0	4	0	(0)				

Revised March 18, 2011

**NORTHEAST ASIA LLDPE QUARTERLY SUPPLY/DEMAND**  
(Thousand Metric Tonnes)

	2010				2011				2012				2010	2011	2012	AAGR (%)			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				09-10	10-11	11-12	
<b>SUPPLY</b>	<b>Actual</b>				<b>Forecast</b>				<b>Forecast</b>				<b>Forecast</b>						
	Capacity																		
	Nameplate	1,560	1,560	1,596	1,614	1,615	1,633	1,651	1,651	1,698	1,754	1,792	1,792	6,330	6,551	7,036	25.7	3.5	7.4
	Operating Rate (%)																		
	Nameplate	80.1	89.0	84.6	88.1	83.2	72.8	83.8	87.2	82.2	83.4	83.5	84.0	85.5	81.8	83.3			
	Supply																		
Production	1,250	1,388	1,350	1,423	1,343	1,189	1,384	1,439	1,395	1,463	1,495	1,505	5,411	5,356	5,859	24.9	(1.0)	9.4	
Imports	769	620	725	780	723	683	736	705	753	691	754	752	2,894	2,847	2,949	16.4	(1.6)	3.6	
Total Supply	2,018	2,008	2,076	2,202	2,067	1,872	2,120	2,144	2,149	2,154	2,249	2,258	8,305	8,203	8,809	21.8	(1.2)	7.4	
<b>DEMAND</b>	<b>Demand</b>																		
	Film & Sheet	1,286	1,277	1,335	1,422	1,434	1,324	1,517	1,538	1,537	1,539	1,612	1,620	5,320	5,812	6,308	22.4	9.3	8.5
	Injection Molding	182	182	191	206	199	181	211	215	207	208	218	220	761	806	853	23.1	5.9	5.8
	Pipe & Extrusion	36	36	35	38	35	36	36	36	40	40	41	42	144	143	162	24.2	(0.7)	13.1
	Extrusion Coating	8	10	9	8	9	9	9	9	9	9	9	9	34	35	36	17.0	1.7	3.6
	Blow Molding	4	5	5	5	4	4	4	4	4	4	4	4	19	16	16	46.2	(17.7)	1.8
	Wire & Cable	58	57	59	63	64	59	67	68	68	68	71	72	237	258	279	25.8	8.6	8.3
	Rotomolding	24	24	25	27	28	25	30	30	31	31	33	33	99	112	128	27.7	13.9	13.6
	Fiber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
	Raffia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
	Other	86	85	91	96	92	88	97	98	95	95	99	99	359	375	388	18.5	4.3	3.6
	DOMESTIC DEMAND	1,685	1,677	1,748	1,864	1,863	1,725	1,971	1,997	1,991	1,994	2,087	2,098	6,973	7,556	8,170	22.5	8.4	8.1
	Exports	199	208	208	203	162	147	148	148	158	159	161	161	818	605	639	(7.5)	(26.1)	5.7
	Total Demand	1,884	1,885	1,956	2,067	2,025	1,872	2,119	2,145	2,148	2,153	2,248	2,259	7,792	8,161	8,809	18.5	4.7	7.9
Inventory Change	134	124	120	135	41	1	1	(2)	0	1	1	(2)	513	41	0				

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**MIDDLE EAST LLDPE QUARTERLY DEMAND SUPPLY BALANCE**  
(Thousand Metric Tonnes)

	2010				2011				2012				2010	2011	2012	AAGR(%)			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Actual	Forecast	Forecast	09-10	10-11	11-12	
	<b>Actual</b>				<b>Forecast</b>								<b>Actual</b>	<b>Forecast</b>					
<b>SUPPLY</b>																			
Capacity																			
Nameplate Capacity	1,270	1,270	1,320	1,320	1,320	1,320	1,320	1,320	1,320	1,320	1,320	1,320	5,180	5,280	5,280	45.8	1.9	0.0	
Operating Rate,%	70.9	74.0	73.5	74.2	74.2	75.0	76.5	77.3	79.5	81.1	82.6	84.1	73.2	75.8	81.8				
<b>Supply</b>																			
Production	900	940	970	980	980	990	1,010	1,020	1,050	1,070	1,090	1,110	3,790	4,000	4,320	37.2	5.5	8.0	
Imports	150	175	165	150	155	160	165	170	180	180	175	160	640	650	695	93.9	1.6	6.9	
Total Supply	1,050	1,115	1,135	1,130	1,135	1,150	1,175	1,190	1,230	1,250	1,265	1,270	4,430	4,650	5,015	43.2	5.0	7.8	
<b>DEMAND</b>																			
<i>Demand</i>																			
Film & Sheet	246	251	256	262	268	274	280	286	293	301	307	315	1,015	1,108	1,216	30.8	9.2	9.7	
Injection Molding	20	21	21	22	22	23	23	23	23	24	24	24	84	90	94	54.6	7.8	4.4	
Rotomolding	30	31	31	32	33	34	34	35	36	37	37	38	124	135	147	26.1	8.5	9.3	
Other	17	18	18	19	19	19	20	20	20	21	21	22	71	77	83	26.0	8.5	7.8	
DOMESTIC DEMAND	316	323	330	338	345	353	360	367	375	385	392	403	1,294	1,425	1,540	31.4	10.1	8.1	
Exports	655	685	695	710	770	780	820	855	850	865	870	880	2,745	3,225	3,465	35.2	17.5	7.4	
Total Demand	971	1,008	1,025	1,048	1,115	1,133	1,180	1,222	1,225	1,250	1,262	1,283	4,039	4,650	5,005	34.0	15.1	7.6	
Net Inventory	79	107	111	82	20	17	-5	-32	5	-0	3	-13	378	0	-6				

**Note :** We have included the supply - demand numbers for Turkey in the Middle East regional data to synchronise numbers with CMAI World Analysis data

Revised March 18, 2011

**INDIAN SUBCONTINENT LLDPE QUARTERLY DEMAND SUPPLY BALANCE**  
(Thousand Metric Tonnes)

	2010				2011				2012				2010	2011	2012	AAGR(%)			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Actual	Forecast	Forecast	09-10	10-11	11-12	
<b>SUPPLY</b>	<b>Actual</b>				<b>Forecast</b>								<b>Actual</b>		<b>Forecast</b>				
	Capacity																		
	Nameplate Capacity	181	189	233	244	245	245	245	245	245	245	245	245	847	980	980	31.3	15.7	0.0
	Operating Rate,%	85.6	63.5	57.9	61.5	81.6	85.7	91.8	93.1	85.7	87.8	91.8	95.5	66.1	88.1	90.2			
	Supply																		
	Production	155	120	135	150	200	210	225	228	210	215	225	234	560	863	884	(8.2)	54.1	2.4
Imports	125	185	160	150	110	100	100	116	130	135	140	137	620	426	542	44.2	(31.3)	27.2	
Total Supply	280	305	295	300	310	310	325	344	340	350	365	371	1,180	1,289	1,426	13.5	9.2	10.6	
<b>DEMAND</b>	<i>Demand</i>																		
	Film & Sheet	205	207	209	211	218	228	237	246	250	257	263	269	832	929	1,039	8.1	11.7	11.8
	Injection Molding	23	24	24	25	25	26	27	27	27	28	29	29	96	104	113	5.1	8.3	8.2
	Extrusion Coating	13	13	14	14	14	14	15	15	15	16	16	17	54	58	64	0.0	6.9	11.8
	Rotomolding	29	29	29	30	31	32	34	35	36	37	38	38	117	132	149	9.1	12.1	13.3
	Other	9	10	10	10	11	11	12	12	12	13	13	14	40	45	51	6.7	13.6	13.3
	DOMESTIC DEMAND	280	283	286	290	299	311	324	334	340	350	359	366	1,139	1,267	1,416	7.9	11.3	11.7
	Exports	2	5	0	5	5	5	5	5	0	0	5	5	12	20	10	1,100.0	66.7	(50.0)
	Total Demand	282	288	286	295	304	316	329	339	340	350	364	371	1,151	1,287	1,426	8.9	11.8	10.8
	Net Inventory	(2)	17	9	5	7	(6)	(4)	5	(0)	0	1	(0)	29	2	0			

Revised March 18, 2011

NORTHEAST ASIA PP QUARTERLY SUPPLY/DEMAND																			
(Thousand Metric Tonnes)																			
	2010				2011				2012				2010	2011	2012	AAGR (%)			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				09-10	10-11	11-12	
<b>SUPPLY</b>		Actual			Forecast				Forecast				Forecast						
	Capacity	4,931	4,931	5,023	5,137	5,168	5,463	5,649	5,732	5,765	5,829	5,893	5,893	20,022	22,012	23,381	15.7	9.9	6.2
	Operating Rate (%)																		
	Nameplate	85.3	84.1	82.5	86.0	81.4	81.2	74.6	77.4	80.8	80.3	80.3	80.3	84.5	78.6	80.4			
	Supply																		
	Production	4,205	4,147	4,146	4,417	4,208	4,438	4,213	4,436	4,660	4,679	4,730	4,730	16,916	17,295	18,799	9.4	2.2	8.7
	Imports	1,320	1,220	1,230	1,399	1,292	1,192	1,034	1,205	1,166	1,166	1,179	1,179	5,169	4,724	4,690	(4.1)	(8.6)	(0.7)
	Total Supply	5,525	5,367	5,376	5,816	5,500	5,630	5,247	5,642	5,826	5,845	5,909	5,909	22,085	22,019	23,489	5.9	(0.3)	6.7
<b>DEMAND</b>	Demand																		
	Film & Sheet	1,113	1,104	1,082	1,182	1,204	1,243	1,148	1,244	1,297	1,301	1,315	1,315	4,481	4,838	5,228	7.4	8.0	8.1
	Injection Molding	1,400	1,384	1,376	1,481	1,520	1,561	1,457	1,564	1,644	1,649	1,668	1,668	5,641	6,102	6,629	9.3	8.2	8.6
	Pipe & Extrusion	263	263	259	279	284	290	274	290	304	305	308	308	1,064	1,138	1,225	8.5	7.0	7.6
	Extrusion Coating	2	2	2	2	2	2	2	2	2	2	2	2	7	7	8	(1.7)	4.8	2.5
	Blow Molding	22	22	22	22	24	24	24	24	25	26	24	25	89	95	100	9.5	6.4	4.9
	Wire & Cable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
	Rotomolding	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
	Fiber	556	549	536	590	601	621	567	621	646	647	654	654	2,231	2,411	2,601	7.0	8.1	7.9
	Raffia	1,035	1,022	994	1,109	1,141	1,182	1,066	1,180	1,240	1,241	1,255	1,255	4,159	4,569	4,990	7.2	9.9	9.2
	Other	77	79	77	81	84	87	82	87	89	90	91	91	314	339	360	11.4	8.2	6.2
	DOMESTIC DEMAND	4,469	4,424	4,346	4,746	4,860	5,009	4,619	5,012	5,247	5,260	5,317	5,317	17,986	19,500	21,141	8.0	8.4	8.4
	Exports	887	899	912	929	687	607	629	630	585	579	592	592	3,627	2,552	2,347	(2.5)	(29.7)	(8.0)
	Total Demand	5,356	5,323	5,258	5,676	5,546	5,616	5,247	5,642	5,832	5,839	5,909	5,909	21,613	22,052	23,489	6.1	2.0	6.5
Inventory Change	169	44	118	141	(46)	14	(0)	(0)	(6)	6	0	0	471	(33)	0				

Revised March 18, 2011

**MIDDLE EAST PP QUARTERLY DEMAND SUPPLY BALANCE**  
(Thousand Metric Tonnes)

	2010				2011				2012				2010	2011	2012	AAGR(%)				
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				09-10	10-11	11-12		
<b>SUPPLY</b>	<b>Actual</b>				<b>Forecast</b>								<b>Actual</b>	<b>Forecast</b>						
	Capacity																			
	Nameplate Capacity	1,671	1,671	1,671	1,946	1,959	1,959	1,959	1,959	2,059	2,059	2,059	2,059	6,959	7,834	8,234	23.7	12.6	5.1	
	Operating Rate,%	67.6	71.2	75.4	67.8	72.0	74.0	79.4	81.7	81.1	82.1	84.0	86.0	70.4	76.8	83.3				
	Supply																			
	Production	1,130	1,190	1,260	1,320	1,410	1,450	1,555	1,600	1,670	1,690	1,730	1,770	4,900	6,015	6,860	28.1	22.8	14.0	
	Imports	520	500	470	445	460	470	475	480	485	490	500	510	1,935	1,885	1,985	213.1	(2.6)	5.3	
Total Supply	1,650	1,690	1,730	1,765	1,870	1,920	2,030	2,080	2,155	2,180	2,230	2,280	6,835	7,900	8,845	53.8	15.6	12.0		
<b>DEMAND</b>	<i>Demand</i>																			
	Film & Sheet	166	168	171	173	177	182	186	190	193	197	200	203	678	735	793	171.2	8.4	7.9	
	Injection Molding	274	278	282	286	290	294	298	303	307	311	314	319	1,120	1,185	1,251	99.8	5.8	5.6	
	Fiber	123	125	127	129	131	133	136	138	141	142	144	146	504	538	573	154.2	6.7	6.5	
	Raffia	183	185	187	191	194	197	201	204	207	210	215	219	746	796	851	25.7	6.7	6.9	
	Other	39	40	40	40	41	42	43	43	44	45	45	46	159	169	180	84.9	6.3	6.5	
	DOMESTIC DEMAND	785	796	807	819	833	848	864	878	892	905	918	933	3,207	3,423	3,648	90.0	6.7	6.6	
	Exports	830	860	880	930	1,040	1,070	1,165	1,200	1,260	1,275	1,310	1,350	3,500	4,475	5,195	40.2	27.9	16.1	
	Total Demand	1,615	1,656	1,687	1,749	1,873	1,918	2,029	2,078	2,152	2,180	2,228	2,283	6,707	7,898	8,843	60.3	17.8	12.0	
Net Inventory	35	34	43	16	-3	2	1	2	3	0	2	-3	128	2	2					

**Note :** We have included the supply - demand numbers for Turkey in the Middle East regional data to synchronise numbers with CMAI World Analysis data

Revised March 18, 2011

**INDIAN SUBCONTINENT PP QUARTERLY DEMAND SUPPLY BALANCE**  
(Thousand Metric Tonnes)

	2010				2011				2012				2010	2011	2012	AAGR(%)			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				09-10	10-11	11-12	
<b>SUPPLY</b>	<b>Actual</b>				<b>Forecast</b>								<b>Actual</b>		<b>Forecast</b>				
	Capacity																		
	Nameplate Capacity	762	875	925	925	925	925	1,035	1,035	1,035	1,035	1,035	1,035	3,487	3,920	4,140	24.8	12.4	5.6
	Operating Rate,%	89.2	78.9	82.2	90.8	86.5	87.6	81.2	84.5	87.0	89.9	93.7	96.6	85.2	84.8	91.8			
	Supply																		
	Production	680	690	760	840	800	810	840	875	900	930	970	1,000	2,970	3,325	3,800	30.5	12.0	14.3
Imports	175	205	185	191	160	160	145	135	135	145	155	165	756	600	600	(8.9)	(20.6)	0.0	
Total Supply	855	895	945	1,031	960	970	985	1,010	1,035	1,075	1,125	1,165	3,726	3,925	4,400	20.0	5.3	12.1	
<b>DEMAND</b>	<i>Demand</i>																		
	Film & Sheet	141	145	147	153	153	157	162	167	171	175	179	184	586	639	709	16.0	9.0	11.0
	Injection Molding	260	270	279	288	278	285	293	300	308	315	322	330	1,097	1,156	1,275	17.5	5.4	10.3
	Fiber	58	60	62	65	63	66	69	71	73	75	77	79	245	269	304	16.7	9.8	13.0
	Raffia	218	228	240	254	258	264	270	277	287	294	300	308	940	1,069	1,189	17.5	13.7	11.2
	Other	38	40	40	41	43	44	45	46	47	48	49	50	158	178	194	7.2	12.4	9.0
	DOMESTIC DEMAND	715	743	768	801	795	816	839	861	886	907	927	951	3,026	3,311	3,671	16.5	9.4	10.9
	Exports	167	125	173	210	150	150	130	130	150	170	200	210	675	560	730	71.8	(17.0)	30.4
	Total Demand	882	868	941	1,011	945	966	969	991	1,036	1,077	1,127	1,161	3,701	3,871	4,401	23.8	4.6	13.7
Net Inventory	(27)	28	4	20	15	4	16	19	(1)	(2)	(2)	4	25	54	(1)				

Revised March 18, 2011

### NORTHEAST ASIA PVC QUARTERLY SUPPLY/DEMAND (Thousand Metric Tonnes)

	2010				2011				2012				2010	2011	2012	AAGR (%)			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				09-10	10-11	11-12	
<b>SUPPLY</b>	<b>Actual</b>				<b>Forecast</b>				<b>Forecast</b>				<b>Forecast</b>						
	<i>Capacity</i>																		
	Nameplate	5,298	5,494	5,878	6,000	6,294	6,433	6,632	6,682	6,798	6,813	7,075	7,075	22,670	26,040	27,762	12.0	14.9	6.6
	<i>Operating Rate (%)</i>																		
	Nameplate	72.1	72.3	67.6	68.9	63.7	63.4	62.8	62.4	64.2	64.3	62.6	62.6	66.1	59.3	60.1			
	<i>Supply</i>																		
	Homo/Copolymers	3,639	3,739	3,721	3,877	3,781	3,844	3,912	3,911	4,138	4,149	4,194	4,194	14,977	15,448	16,675	17.9	3.1	7.9
	Dispersion/Emulsion	179	231	251	259	226	232	252	260	229	230	233	233	919	970	925	0.8	5.5	(4.6)
	Total Production	3,818	3,970	3,971	4,136	4,007	4,076	4,164	4,171	4,367	4,379	4,427	4,427	15,896	16,418	17,600	16.7	3.3	7.2
	Imports	330	294	371	385	325	294	323	315	249	249	252	252	1,381	1,257	1,001	(22.0)	(8.9)	(20.4)
Total Supply	4,148	4,265	4,343	4,521	4,332	4,369	4,469	4,460	4,616	4,628	4,679	4,679	17,276	17,630	18,601	12.3	2.0	5.5	
<b>DEMAND</b>	<i>Demand</i>																		
	Rigid																		
	Pipe & Fittings	1,478	1,535	1,616	1,600	1,517	1,658	1,689	1,672	1,749	1,751	1,771	1,771	6,230	6,536	7,041	18.4	4.9	7.7
	Profiles	264	277	288	303	279	302	318	304	319	319	323	323	1,131	1,204	1,284	14.1	6.4	6.6
	Film & Sheet	213	218	210	215	217	230	234	228	236	237	240	240	856	907	953	13.3	6.0	5.1
	Bottles	63	66	67	68	59	72	75	69	72	73	73	73	263	276	292	9.8	4.7	5.8
	Flexible													0	0	0	0.0	0.0	0.0
	Wire & Cable	253	247	256	240	250	268	280	266	279	280	283	283	995	1,064	1,124	14.0	6.9	5.6
	Film & Sheet	663	672	702	710	707	737	750	741	771	772	781	781	2,747	2,934	3,104	15.3	6.8	5.8
	Profiles & Tubes	218	216	209	218	216	228	234	231	240	240	243	243	861	908	966	16.9	5.5	6.3
	Floorings	74	82	87	84	81	89	93	91	92	93	94	94	326	354	373	19.1	8.4	5.4
	Coatings	52	49	54	59	57	56	60	55	60	60	61	61	213	228	241	(6.7)	6.6	5.9
	All Others	307	336	293	458	495	274	274	341	330	330	334	334	1,394	1,385	1,328	10.2	(0.7)	(4.1)
	DOMESTIC DEMAND	3,585	3,697	3,781	3,956	3,878	3,912	4,007	3,999	4,148	4,156	4,201	4,201	15,018	15,796	16,706	15.5	5.2	5.8
	Exports	560	546	567	510	455	457	462	461	468	472	477	477	2,183	1,835	1,895	(8.4)	(16.0)	3.3
Total Demand	4,145	4,242	4,348	4,465	4,333	4,369	4,469	4,460	4,616	4,628	4,679	4,679	17,201	17,630	18,601	11.8	2.5	5.5	
Inventory Change	4	22	(5)	55	(1)	(0)	0	0	0	0	0	0	76	(0)	0				

Revised March 18, 2011

**MIDDLE EAST PVC QUARTERLY SUPPLY/DEMAND**  
(Thousand Metric Tonnes)

	2010				2011				2012				2010	2011	2012	AAGR (%)				
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2010	2011	2012	09-10	10-11	11-12		
<b>SUPPLY</b>	<b>Actual</b>				<b>Forecast</b>								<b>Actual</b>	<b>Forecast</b>						
	<i>Capacity</i>																			
	Nameplate Capacity-Homopolymer	191	191	191	241	266	266	274	306	306	306	306	306	815	1,113	1,224	32.5	36.5	10.0	
	Nameplate Capacity-Emulsion	7	7	7	7	17	17	17	17	17	17	17	17	26	66	66	0.0	153.8	0.0	
	Total Capacity	198	198	198	248	283	283	291	323	323	323	323	323	841	1,179	1,290	31.2	40.2	9.4	
	Operating Rate (%)	96.7	97.8	96.6	85.2	77.5	84.7	86.0	82.5	84.0	84.0	87.3	88.8	93.5	330.6	86.0				
	<i>Supply</i>																			
	Homo/Copolymers	185	187	185	205	210	230	240	255	260	260	270	275	762	935	1,065	27.9	22.7	13.9	
	Emulsion	6	6	6	6	9	10	10	11	11	11	12	12	25	40	45	2.5	60.6	13.9	
	Total Production	191	193	191	211	219	240	250	266	271	271	282	287	787	975	1,110	26.9	23.9	13.9	
Imports	285	280	310	310	310	300	300	310	330	320	320	310	1,185	1,220	1,280	150.5	3.0	4.9		
Total Supply	476	473	501	521	529	540	550	576	601	591	602	597	1,972	2,195	2,390	80.4	11.3	8.9		
<b>DEMAND</b>	<i>Demand</i>																			
	Rigid																			
	Pipe & Fittings	285	302	300	310	310	315	312	320	320	330	325	330	1,197	1,257	1,305	36.8	5.0	3.8	
	Flexible																			
	Wire & Cable	43	44	45	46	47	48	48	49	50	51	51	52	178	192	204	57.7	7.9	6.3	
	Others	60	61	62	63	63	64	64	65	66	67	68	69	246	256	270	368.6	3.9	5.7	
	DOMESTIC DEMAND	456	476	477	491	493	500	498	510	513	525	522	529	1,900	2,001	2,088	82.6	5.3	4.4	
	Exports	10	10	25	30	35	45	50	70	80	70	80	70	75	200	300	36.4	166.7	50.0	
	Total Demand	466	486	502	521	528	545	548	580	593	595	602	599	1,975	2,201	2,388	80.3	11.4	8.5	
	Inventory Change	10	-13	-1	0	2	-6	2	-4	9	-4	0	-3	-3	-6	2				

**Note :** We have included the supply - demand numbers for Turkey in the Middle East regional data to synchronise numbers with CMAI World Analysis data

Revised March 18, 2011

**INDIAN SUBCONTINENT PVC QUARTERLY SUPPLY/DEMAND**

(Thousand Metric Tonnes)

	2010				2011				2012				2010	2011	2012	AAGR (%)		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Actual	Forecast	Forecast	09-10	10-11	11-12
<b>SUPPLY</b>	<b>Actual</b>				<b>Forecast</b>								<b>Actual</b>	<b>Forecast</b>				
Capacity																		
Nameplate Capacity-Homopolymer	363	363	363	363	363	363	363	363	363	363	363	363	1,450	1,450	1,450	11.5	(0.0)	(0.0)
Nameplate Capacity-Emulsion	11	11	11	11	11	11	11	11	11	11	11	11	45	45	45	0.0	(0.0)	(0.0)
Total Capacity	374	374	374	374	374	374	374	374	374	374	374	374	1,495	1,495	1,495	11.2	0.0	0.0
Operating Rate (%)	89.7	90.6	89.5	92.2	91.1	91.1	82.8	95.3	85.6	84.2	82.8	85.6	87.8	87.4	82.0			
Supply																		
Homo/Copolymers	315	318	314	324	320	320	290	335	300	295	290	300	1,271	1,265	1,185	16.6	(0.5)	(6.3)
Emulsion	10	10	10	10	10	10	10	10	10	10	10	10	41	41	41	0.0	0.0	0.0
Total Production	325	328	324	334	330	330	300	345	310	305	300	310	1,312	1,306	1,226	16.0	(0.5)	(6.1)
Imports	250	200	220	250	250	300	260	325	360	365	355	375	920	1,135	1,455	7.2	23.4	28.2
Total Supply	575	528	544	584	580	630	560	670	670	670	655	685	2,232	2,441	2,681	12.2	9.4	9.8
<b>DEMAND</b>																		
Demand																		
Rigid																		
Pipe & Fittings	430	420	410	435	450	470	440	490	505	510	495	515	1,695	1,850	2,025	12.3	9.1	9.5
Wire & Cable	39	39	39	40	41	43	44	45	47	48	46	49	157	173	190	13.4	10.2	9.8
Film & Sheet	45	46	47	47	49	50	51	53	55	56	54	57	185	203	222	14.6	9.7	9.4
Others	48	48	49	50	52	54	55	57	59	62	59	63	195	218	243	14.7	11.8	11.5
DOMESTIC DEMAND	562	553	545	572	592	617	590	645	666	676	654	684	2,232	2,444	2,680	12.7	9.5	9.7
Exports	0	0	0	5	0	0	0	0	0	0	0	0	5	0	0	0.0	0.0	0.0
Total Demand	562	553	545	577	592	617	590	645	666	676	654	684	2,237	2,444	2,680	12.7	9.3	9.7
Inventory Change	13	(25)	(1)	7	(12)	13	(30)	25	4	(6)	1	1	(5)	(3)	1			

Revised March 18, 2011

## NORTHEAST ASIA PET QUARTERLY SUPPLY/DEMAND (Thousand Metric Tonnes)

	2010				2011				2012				2010	2011	2012	AAGR (%)			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Actual	2011	2012	09-10	10-11	11-12	
<b>SUPPLY</b>	<b>Actual</b>				<b>Forecast</b>				<b>Forecast</b>				<b>Actual</b>	<b>Forecast</b>					
	Capacity																		
	Nameplate	1,745	1,764	1,783	1,783	2,048	2,070	2,093	2,093	2,218	2,218	2,242	2,242	7,075	8,304	8,919	14.1	17.4	7.4
	Operating Rate (%)																		
	Nameplate	72.3	81.6	78.4	76.1	66.0	65.5	66.1	65.8	63.7	63.7	63.7	63.7	76.2	65.0	62.9			
	Supply																		
	PET (PTA)	1,245	1,424	1,382	1,340	1,335	1,338	1,366	1,360	1,394	1,394	1,409	1,409	5,391	5,400	5,606	12.5	0.2	3.8
	PET (Chip)	2	2	2	2	2	2	2	2	2	2	2	2	7	7	8	(0.0)	(0.0)	14.3
	Recycle Production	14	14	15	15	16	16	16	16	17	17	18	18	58	64	70	5.5	10.3	9.4
	Total Production	1,261	1,440	1,399	1,357	1,352	1,356	1,384	1,378	1,413	1,413	1,429	1,429	5,456	5,471	5,684	12.4	0.3	3.9
Imports	163	195	209	159	164	174	176	176	165	165	167	167	726	690	665	14.3	(4.9)	(3.7)	
Total Supply	1,423	1,635	1,608	1,516	1,516	1,530	1,560	1,554	1,579	1,579	1,596	1,596	6,182	6,161	6,349	12.6	(0.3)	3.1	
<b>DEMAND</b>	Demand																		
	A-PET / C-PET / Other	132	136	140	137	140	141	143	143	149	149	151	151	544	566	601	10.0	4.0	6.2
	Bottle Grade Resin	767	812	861	810	859	869	883	874	931	936	944	939	3,251	3,485	3,750	12.4	7.2	7.6
	DOMESTIC DEMAND	899	949	1,001	947	998	1,010	1,026	1,017	1,080	1,085	1,095	1,090	3,795	4,051	4,351	12.0	6.7	7.4
	Exports	545	666	601	577	511	520	534	534	481	481	487	487	2,389	2,099	1,936	3.5	(12.1)	(7.7)
	Total Demand	1,444	1,615	1,602	1,524	1,509	1,529	1,560	1,551	1,562	1,567	1,582	1,577	6,184	6,150	6,287	8.6	(0.5)	2.2
Inventory Change	(20)	20	6	(8)	7	1	0	3	17	12	14	19	(2)	11	62				

Revised March 18, 2011

**NORTHEAST ASIA POLYSTYRENE QUARTERLY SUPPLY/DEMAND**  
(Thousand Metric Tons)

	2010				2011				2012				2010	2011	2012	AAGR %			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				09-10	10-11	11-12	
<b>SUPPLY</b>	<b>Actual</b>				<b>Forecast</b>				<b>Forecast</b>				<b>Actual</b>	<b>Forecast</b>					
	Capacity	1,381	1,375	1,375	1,435	1,460	1,438	1,515	1,565	1,590	1,568	1,568	1,655	5,565	5,977	6,381	0.3	7.4	6.8
	Operating Rate (%)																		
	Nameplate	66.7	71.8	76.8	70.9	70.0	76.0	72.7	67.7	66.4	72.1	72.4	66.1	71.5	71.5	69.2			
	Total Production	921	987	1,056	1,017	1,022	1,093	1,102	1,059	1,056	1,130	1,136	1,094	3,980	4,275	4,416	9.0	7.4	3.3
Imports	343	387	414	400	343	365	408	365	343	343	343	343	1,544	1,481	1,373	1.0	(4.1)	(7.3)	
Total Supply	1,264	1,374	1,470	1,416	1,365	1,458	1,509	1,424	1,399	1,473	1,479	1,437	5,524	5,755	5,789	6.6	4.2	0.6	
<b>DEMAND</b>	<i>Demand</i>																		
	Packaging - one time use	182	185	189	171	185	188	192	174	187	191	195	176	726	739	748	3.2	1.8	1.3
	Electronics / Appliances	446	507	548	528	521	588	566	544	552	622	599	575	2,029	2,219	2,348	14.7	9.3	5.8
	Others	278	278	301	301	297	297	322	322	306	306	332	332	1,158	1,238	1,275	3.1	6.9	3.0
	DOMESTIC DEMAND	906	970	1,038	999	1,003	1,073	1,080	1,039	1,045	1,119	1,125	1,083	3,913	4,195	4,371	8.8	7.2	4.2
	Exports	358	404	432	417	361	385	430	385	354	354	354	354	1,612	1,560	1,418	1.7	(3.2)	(9.1)
Total Demand	1,264	1,374	1,470	1,416	1,365	1,458	1,509	1,424	1,399	1,473	1,479	1,437	5,524	5,755	5,789	6.6	4.2	0.6	
Inventory Change	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				

Revised March 18, 2011

**CHINA POLYSTYRENE QUARTERLY SUPPLY/DEMAND**  
(Thousand Metric Tons)

	2010				2011				2012				2010	2011	2012	AAGR %			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				09-10	10-11	10-12	
<b>SUPPLY</b>	<b>Actual</b>				<b>Forecast</b>				<b>Forecast</b>				<b>Actual</b>	<b>Forecast</b>					
	Capacity	640	604	604	664	686	686	763	813	844	844	844	931	2,511	2,947	3,463	3.2	17.4	17.5
	Operating Rate (%)																		
	Nameplate	64.0	69.6	76.2	73.5	70.0	75.1	74.1	65.8	62.6	66.4	74.1	61.5	70.8	71.1	66.0			
	Total Production	410	420	460	488	480	515	565	535	528	560	625	572	1,778	2,095	2,285	20.2	17.8	9.1
Imports	242	274	293	282	249	265	296	265	240	260	296	264	1,091	1,075	1,060	(1.5)	(1.5)	(1.4)	
Total Supply	652	694	753	770	729	780	861	800	768	820	921	836	2,869	3,170	3,345	10.9	10.5	5.5	
<b>DEMAND</b>	<i>Demand</i>																		
	Packaging - one time use	37	40	43	40	39	43	48	41	41	45	50	43	160	171	179	0.5	7.1	4.5
	Electronics / Appliances	384	436	471	454	455	514	494	475	486	548	527	507	1,745	1,938	2,069	17.1	11.1	6.7
	Others	229	224	253	248	249	238	285	264	258	247	295	274	955	1,036	1,073	3.8	8.5	3.6
	DOMESTIC DEMAND	650	701	767	742	743	795	827	780	785	840	873	824	2,860	3,145	3,321	11.3	10.0	5.6
	Exports	8	6	5	5	7	6	5	5	7	6	5	5	24	23	23	(11.1)	(4.2)	(0.0)
	Total Demand	658	707	772	747	750	801	832	785	792	846	878	829	2,884	3,168	3,344	11.1	9.9	5.5
Inventory Change	-5	-13	-20	23	-21	-21	29	15	-24	-26	43	8	-15	2	1				

Revised March 18, 2011

**CHINA EPS QUARTERLY SUPPLY/DEMAND**  
(Thousand Metric Tons)

	2010				2011				2012				2010	2011	2012	AAGR %			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				09-10	10-11	11-12	
<b>SUPPLY</b>	Actual				Forecast				Forecast				Actual	Forecast					
	Capacity	1,056	1,109	1,141	1,141	1,269	1,269	1,309	1,309	1,339	1,339	1,339	1,339	4,446	5,155	5,355	18.1	15.9	3.9
	Operating Rate (%)																		
	Nameplate	48.6	51.9	60.3	60.0	48.1	51.3	55.0	52.0	47.8	50.8	60.9	54.7	55.3	51.6	53.6			
	Total Production	513	575	688	684	610	651	720	680	640	680	815	733	2,460	2,661	2,869	20.0	8.2	7.8
	Imports	16	21	20	19	16	20	20	20	16	20	20	20	76	76	76	(7.3)	0.3	0.0
Total Supply	529	596	708	703	626	671	740	700	656	700	835	753	2,536	2,737	2,944	19.0	7.9	7.6	
<b>DEMAND</b>	Demand																		
	Packaging	229	249	269	249	245	255	281	260	257	268	296	274	996	1,041	1,096	6.8	4.5	5.2
	Construction / Building	221	303	338	303	285	324	349	336	316	359	388	373	1,164	1,294	1,435	30.8	11.2	10.9
	Others	10	10	11	11	10	10	11	11	10	10	11	11	42	42	43	5.0	(0.5)	1.9
	DOMESTIC DEMAND	460	562	617	563	539	589	641	608	584	638	694	658	2,202	2,377	2,574	18.2	8.0	8.3
	Exports	50	81	102	98	82	83	100	95	81	89	102	98	331	360	370	28.0	8.6	2.8
	Total Demand	511	643	719	661	621	672	741	703	665	727	796	756	2,533	2,737	2,944	19.4	8.0	7.5
Inventory Change	19	-47	-11	42	5	-0	-2	-3	-8	-26	39	-4	2	0	1				