

< >

1

# 가“ ”

가

8

15%

가

84 4400

92

1

92

91

61 2355 (9053 3300 ), 1 7060 (557 2100 )

62

9415 (9610 5100 ) 90 13.5%(15.0%) 가  
55 3451 (8129 2400 ), 7 2133 (1390 700 ) 62 5584 (9519 3100 )  
14.2%(14.8%) 가

91

90 0.3% 가 2.7%,

1.2%

가 5.9%

가

가

91 90 23.7% 가 1 8624kℓ(465 6000

)

90 89 32.1% 가,

22% 2937kℓ(52 8600 )

91

11.1%,

11.7%,

18.4%

가

20%

가

(22.0%),

(23.7%),

(20.5%),

(27.1%)

가

16.9%

가

(21.9% ),

(9.9% ),

(16.6% ),

(9.9% )

89

37 5752kℓ

32% 12 241kℓ

, 90 31.2% 14 4633kℓ, 91 29.2% 15 4100kℓ

91

가

92

34 7200

91

12.1% 가

, 90 63.9%, 91

17.4% 가

가

91

가

90

1.7%

1 1447 m<sup>3</sup>, 92 9.0%

1

419 m<sup>3</sup>

가

91

2840

90

13% 가

가 (8.9%), (8.8%), (10.5%), (9.0%), 2~3%

< 1> ( :100 , , %)

			1989	1990	1991		1992( )	
			/	/	/		/	
			437,184	541,445	612,355	13.0	691,961	13.0
			636,341	796,860	905,330	13.6	1,028,454	13.6
			12,039	13,048	17,060	30.7	18,936	11.0
			33,995	38,136	55,721	46.1	62,407	12.0
			449,223	554,493	629,415	13.5	710,897	12.9
			658,215	834,996	961,051	15.0	1,090,861	13.5
			392,389	485,573	553,451	13.9	619,865	12.0
			560,260	714,632	812,924	13.7	914,539	12.5
			55,669	61,779	72,133	16.7	84,179	13.0
			95,726	113,944	139,007	21.9	158,467	14.0
			448,058	547,352	625,584	14.2	704,044	12.5
			655,986	828,576	951,931	14.8	1,073,006	12.7
	/		2.7	2.4	2.7	0.3	2.7	0
			5.2	4.7	5.9	1.2	5.8	1.7
	/		12.7	11.4	11.8	0.4	12.1	2.5
			15.3	14.7	15.4	0.7	15.4	0
	/		97.3	97.6	97.3	0.3	97.3	0
			94.3	95.3	94.2	1.1	94.2	0

< 2> ( ) ( :kℓ, %)

		1989		1990		1991		(91/90)
		120,241	32.0	144,633	31.2	154,100	29.2	6.54
		27,054	7.2	16,688	3.6	20,328	3.9	21.0
		14,279	3.8	12,516	2.7	15,031	2.8	20.0
		36,824	9.8	36,158	7.8	37,997	7.2	5.0
		11,273	3.0	11,589	2.5	11,610	2.2	0.2
		43,211	11.5	51,919	11.2	55,413	10.5	6.7
		25,927	6.9	37,085	8.0	39,581	7.5	6.7
		12,024	3.2	20,397	4.4	25,387	4.8	24.4
		7,515	2.0	9,271	2.0	12,138	2.3	30.9
		3,006	0.8	5,563	1.2	6,333	1.2	13.8
		74,399	19.8	117,746	25.4	149,823	28.4	27.2
		375,752	100.0	463,566	100.0	527,740	100.0	13.8

8 가 , .

8 가 46% ,

( )

89 7.2% , 2 7054kℓ , 90 3.6% 1 6688kℓ

50% , 91 3.9% 2 328kℓ  
 89 3.8% 1 4279kℓ, 90 2.7% 1 2516kℓ, 91 2.8% 1 5031kℓ

91 90 13.0% 가 146 9000 , 92 9.2% 가 160 500

91 1328 49.0%, 25.0%,  
 18.0%, 5.4%, KDK 2.7%  
 가 가 KDK

< 3> ( ) ( :100 , kℓ , % )

	1989		1990		1991		(91/90)	
	10,716	15,002	12,262	17,167	13,789	19,304	12.5	12.5
	17,138	41,132	21,869	52,486	18,161	43,586	16.9	17.0
	32,802	55,763	40,421	68,716	43,062	73,206	6.5	6.5
	11,563	28,909	15,056	37,640	18,624	46,560	23.7	23.7
	9,964	16,939	11,521	19,586	11,736	19,952	1.9	1.9
	1,139	2,050	2,407	4,333	2,937	5,287	22.0	22.0
	5,950	14,281	12,374	29,698	9,667	23,200	21.9	21.9
	14,443	28,887	21,737	43,474	21,179	42,358	2.6	2.6
	27,967	58,731	37,462	78,670	33,766	70,908	9.9	9.9
	3,732	8,584	8,751	19,252	9,721	21,387	11.1	11.1
	7,760	15,520	12,047	24,094	10,052	20,103	16.6	16.6
	55,442	60,986	68,728	82,474	76,786	92,143	11.7	11.7
	5,243	9,437	5,819	10,474	6,249	11,248	7.4	7.4
	481	1,348	849	2,377	765	2,142	9.9	9.9
	3,562	11,399	7,075	22,640	8,527	27,286	20.5	20.5
	42,878	34,303	60,772	49,833	71,957	57,566	18.4	15.5
	109,848	208,711	110,915	210,739	140,934	281,116	27.1	33.4
( )	360,630	611,981	450,065	773,651	497,911	857,351	10.6	10.8
	10,819	18,359	13,502	23,210	24,896	47,979	84.4	106.7
( )	371,449	630,340	463,567	796,860	522,807	905,330	12.8	13.6

) 89 3%, 90 3%, 91 5%

86 68.9% , 87  
 ( ) 90 49.9% 535 700 , 91 47.0%  
 624 200  
 86 16.9% 9.8% 87

20.3% 18.4%

, 91 25.0% 18.0%

< 4>

( )

( :kℓ)

	15,450	2,960	1,610	2,310	1,110	9,940	2,650	17,220	53,250
	2,000				500	1,200		500	4,200
					8,500			1,500	10,000
		2,849	1,595				1,617	4,944	11,005
	500		700		450	550	350	270	2,320
	4,500								50,000
	1,500					1,500		5,000	11,000
	1,600							1,000	2,600
						1,500	300	18,000	19,800
								2,000	2,000
	5,540	600	600		1,800	1,200	200	860	10,800
	837	14,645	6,859		837	5,022	1,674		29,874
	10,634		2,233		2,743	2,338		8,486	26,434
	2,650	150	350		150	400		500	4,200
	5,500							2,000	7,500
	2,000				500	500		500	3,500
							8,400		8,400
								2,000	2,000
				2,400				1,600	4,000
				300		4,200		800	5,300
	6,000							1,000	7,000
	2,500						2,000	500	5,000
									57,000
	1,600				500	1,000	200	2,500	5,800
	800			1,000	200	1,000	1,000	1,000	5,000
	10,000						5,000	3,000	18,000
					6,000				6,000
	18,000	1,400	700		700	1,400	600		22,800
					600			400	1,000
	6,000	360	1,500	360	1,200	2,400	1,500	720	14,040
						3,000	6,000	2,400	11,400
	1,500				400	700		1,000	1,700
	4,500				500	500		1,600	6,100
	500	600		700		1,200		1,200	4,200
								1,200	1,200
	6,500		4,100		14,200	4,500	100		29,400
	5,000	500		600	3,000	1,500			6,100
					4,000			2,000	6,000
	1,800		300		1,500	2,100	300	3,000	7,200
								7,000	7,000
	2,400				200	210		700	3,510
			3,000		800		2,000	200	6,000
	1,700				1,000			300	1,300
	1,000				500	1,200			2,700
	2,000	700	2,500		4,500	3,500	1,250	5,000	19,450
	4,000	2,500	700	2,000	2,500			12,000	23,700
	127,011	27,264	26,747	6,010	58,890	52,560	23,391	113,900	435,773

6824kℓ ( 9.8%), 90 3 6158kℓ(7.8%), 91 3 7997kℓ(7.2%)  
 900 ( )

90 286 6300 36.2%, 91 90  
 11.4% 가 319 5100 34.0%

< 6> ( :kℓ, 100 )

		1989		1990		1991		1992( )	
		3,493	7,450	4,164	9,608	3,544	7,904	1,618	3,185
		37,418	56,104	49,344	65,882	52,928	78,216	32,087	42,810
		40,911	63,554	53,508	75,490	56,472	86,120	33,705	45,995
		326	869	453	1,312	500	1,579	325	1,122
		4,163	11,067	4,836	12,827	5,310	14,590	2,632	7,254
		4,489	11,936	5,289	14,139	5,810	16,169	2,957	8,376
			44		51		83		161
			2,412		2,336		5,359		3,761
			2,456		2,387		5,442		3,922
		3,819	11,046	4,617	10,971	4,044	9,566	1,943	4,468
		41,581	77,374	54,180	81,045	58,238	98,165	34,719	53,825
		45,400	88,420	58,797	92,016	62,282	107,731	36,662	58,293

< 5> 10 ( :100 , %)

		1989	1990		1991		1992( )		
I P K		158,238	191,602	21.1	241,828	26.2	302,271	25.0	39.4
		75,626	82,280	8.8	91,320	10.1	105,000	15.0	13.7
		63,554	75,491	18.8	86,121	14.1	97,985	13.8	12.8
		30,500	38,730	27.0	44,917	16.0	47,700	6.2	6.2
		26,995	32,599	20.8	37,247	14.2	42,145	13.1	5.5
		26,688	32,443	21.6	36,978	14.0	44,000	19.0	5.7
		28,725	34,945	21.7	36,567	4.7	45,000	23.1	5.9
		21,549	24,547	14.0	26,672	8.7	30,000	12.5	3.9
		20,046	22,917	14.3	26,072	13.8	34,600	32.7	4.5
		9,007	10,338	14.8	14,600	41.2	18,000	23.3	2.4
	460,928	545,892	18.4	642,322	17.7	766,701	19.4	100.0	

90 49 1900 6.2%, 91 60 22.0%  
 가 91 22%

IPK

, 90 28.2%, 91 25.0%  
 6.0%, 4.0%, 3.8%, 6.5%, 4.0%

91 260 24.0%,  
 20.0%, 24.0%, 18.0%, 11.0%, 23%

1 1589kℓ(2.5%), 91 1 1610kℓ(2.2%)  
가 13~15%

가

가 4 ( . . . )

가

가 , 가 89 300 , 90 350

17.0%, 91 420 20.0% 가  
89 70 , 90 68 , 91 67

< 7>

( :kℓ, 100 )

		1989		1990		1991		1992( )	
		4,558	13,055	3,089	8,672	3,386	11,189	1,719	5,718
		8,896	29,790	12,705	40,917	14,401	51,233	8,335	30,926
		13,454	42,845	15,704	49,589	17,787	62,422	10,054	36,644
		11,561	21,392	11,425	23,043	14,120	31,848	10,288	24,473
		2,771	5,333	2,744	5,189	2,576	5,018	1,819	3,629
		14,332	26,725	14,169	28,232	16,696	36,866	12,107	28,102
		4,701	7,497	6,827	12,692	7,749	14,237	4,529	8,730
		7,033	13,714	8,072	15,041	8,416	17,714	5,088	11,733
		11,734	21,211	14,899	27,733	16,165	31,951	9,617	20,463
		5,887	11,769	7,325	15,402	10,046	22,428	6,614	15,499
		34,364	55,688	41,715	70,646	45,136	88,161	25,015	49,932
		40,251	67,457	49,040	86,048	55,182	110,589	31,629	65,431
		26,707	53,713	28,666	59,809	35,301	79,702	23,150	54,420
		53,064	104,525	65,236	131,793	70,529	162,126	40,257	96,220
		79,771	158,238	93,902	191,602	105,830	241,828	63,407	150,640

< 8>

( :kℓ, 100 )

		1989		1990		1991		1992( )	
		117	336	51	187	57	207	26	113
		7,811	12,910	8,586	13,904	7,976	14,675	4,234	8,005
		7,928	13,247	8,636	14,091	8,034	14,881	4,260	8,119
		7,261	10,056	8,014	11,453	8,842	13,501	5,005	7,966
		17,566	25,506	18,871	26,221	18,990	29,657	11,032	17,017
		24,827	35,561	26,884	37,674	27,832	43,159	16,037	24,983
		382	772	246	569	385	1,048	252	680
		656	1,486	987	2,559	936	3,019	509	1,686
		1,038	2,258	1,234	3,128	1,321	4,067	761	2,356
		1,447	3,388	730	1,540	803	1,742	395	655
		14,076	21,171	17,099	25,843	15,854	27,473	8,288	14,018
		15,523	24,599	17,828	27,383	16,657	29,215	8,683	14,673
		9,208	14,552	9,040	13,749	10,087	16,497	5,679	9,415
		40,109	61,073	45,543	68,527	43,756	74,824	24,062	40,726
		49,316	75,626	54,583	82,276	53,844	91,321	29,741	50,141

가 , 91 89 2 5927kℓ( 6.9%), 90 43% 가 3 7085kℓ(8.0%)  
 가 90 200 가 3 9581kℓ  
 가 , 가 가 가  
 가 , 가 가 가  
 가 91 가 190 28.0%  
 13.0%, 12.0% 7~8%  
 가 . 가 . 가 . 가 가  
 가

< 9>

( :kℓ, 100 )

		1989		1990		1991		1992( )	
		4,011	5,602	5,298	7,890	4,994	8,768	1,470	2,387
		4,011	5,602	5,298	7,890	4,994	8,768	1,570	2,387
		5,141	5,202	5,549	5,913	4,391	5,935	2,366	3,248
		5,141	5,202	5,549	5,913	4,391	5,935	2,365	3,248
		6,120	10,149	7,264	12,521	5,533	11,909	3,573	7,242
		6,120	10,149	7,264	12,521	5,533	11,909	3,573	7,242
		1,283	2,468	2,244	4,059	2,453	5,244	408	977
		2,094	6,808	3,103	7,567	7,792	12,392	4,902	8,792
		4,187	9,275	5,347	11,627	10,245	17,635	5,310	9,769
		1,283	2,468	2,244	4,059	2,453	5,244	408	977
		18,175	27,761	21,214	33,891	22,711	39,003	2,311	21,669
		19,458	30,229	23,458	37,951	25,164	44,247	12,719	22,646

< 10>

( :kℓ, 100 )

		1989		1990		1991		1992( )	
		597	346,645	1,265	784,258	1,478	1,102,518	777	637,057
		775	1,053,543	990	1,394,976	917	1,434,035	393	614,901
		1,467	1,893,746	1,526	1,951,370	1,518	1,926,847	831	1,010,374
		2,060	1,215,490	2,136	1,301,469	1,844	1,242,887	928	607,531
				369	861,256			4,045	6,980,429
		6,532	9,990,685	6,912	10,604,651	7,956	13,481,812		
		6,532	9,990,685	7,281	11,465,907	7,956	13,481,812	4,045	6,980,429
		4,809	4,823,285	3,356	2,575,499	3,944	2,011,687	1,926	1,339,637
			693,773		3,443,739		3,972,366		1,923,254
				369	861,256			4,045	6,980,429
		16,240	20,046,167	16,185	22,055,962	17,657	26,072,152	8,900	13,113,185
		16,240	20,046,167	16,554	22,917,218	17,657	26,072,152	12,945	20,093,614

40% 190  
 90 Silvam Salchi

PCM(Precoating Metal) . 가

91 1260 90 14.5% 가  
 89 4 3211kℓ 11.5% , 90 20.0% 가 5  
 1919kℓ(11.2%), 91 6.7% 가 5 5413kℓ(10.5%) 가

11.0%  
 90 22.0% 가 408 32.0%  
 . PCM  
 91 219 (90 3.7% 가) 17.0%  
 . PCM 가 26.7%

10.7% 136 (14.0% 가)  
 PCM  
 , IPK ( 9.5%)  
 , 19~20% 2  
 , 20% 가

4.5%, 3.2%, 3.2%, 2.6%

( 91 37.3%가 가 1506 4000  
 , 219 8900

( ) 92 582 9300 516  
 1500 12.9% 가 , 439.6% 가  
 , 661.1% 가 15 8300 92

( ) 91 429 2300 16.8% 가 501 4100  
 , 0.8% , 7.1% 가

( ) 92  
 14.4% 가 236 400 , 50.2%가 가 14 900  
 92

가 가 가