

Financial Results Summary for the Six Months ended June 30, 2013

FY2013 Second Quarter

	1Q.FY2013	2Q.FY2013	Change % vs 1Q.FY2013	2Q.FY2012	Change % vs 2Q.FY2012
Sales	3,064	3,321	+8.4%	2,979	+11.5%
Glass	1,534	1,674	-9.1%	1,390	+20.4%
Electronics	849	891	+4.9%	831	+7.3%
Chemicals	667	716	+7.4%	652	+9.8%
Ceramics/Other	153	224	+46.0%	230	-2.8%
Elimination	-139	-184	-	-123	-
Operating Income	158	183	+16.1%	238	-23.1%
Glass	-62	-43	-	-17	-
Electronics	193	183	-5.4%	202	-9.4%
Chemicals	34	37	+9.0%	47	-20.4%
Ceramics/Other	-3	4	-	6	-25.1%
Elimination	-5	2	-	0	-
Ordinary Income	156	172	+10.2%	240	-28.3%
Net Income	76	94	+23.3%	133	-29.4%
Earnings per share (Yen)	6.60	8.14	+23.3%	11.53	-29.4%

First Half (100 million yen)

	1-2Q.FY2012	1-2Q.FY2013	Change % vs 1-2Q.FY2012
Sales	5,833	6,384	+9.5%
Glass	2,782	3,207	+15.3%
Electronics	1,611	1,740	+8.0%
Chemicals	1,280	1,383	+8.0%
Ceramics/Other	480	377	-21.5%
Elimination	-320	-323	-
Operating Income	480	341	-29.0%
Glass	-9	-106	-
Electronics	381	376	-1.3%
Chemicals	100	72	-28.3%
Ceramics/Other	9	2	-79.7%
Elimination	-1	-3	-
Ordinary Income	476	328	-31.1%
Net Income	311	170	-45.2%
Earnings per share (Yen)	26.88	14.74	-45.2%

* The category "Other," used until the previous year, was renamed "Ceramics / Other" in 2013.

FY2013 Full-Year Forecast

(100 million yen)

	FY2012 (Jan. 1 through Dec. 31, 2012)	FY2013e (Jan. 1 through Dec. 31, 2013)
Sales	11,900	13,500
Operating Income	929	700
Ordinary Income	866	650
Net Income	438	100
Cash dividends per share (Yen)	26	18

Major BS Account Headings and Indices

(100 million yen)

	FY2012 (as of Dec. 31, 2012)	2Q.FY2013 (as of Jun. 30, 2013)	Change%
Interest-bearing debts*	5,408	5,672	+4.9%
Net Assets	9,969	10,956	+9.9%
D/E ratio	0.54	0.52	-0.02

* Interest-bearing debts includes lease obligations.

CAPEX / Depreciation & Amortization / R&D: Actual and Forecast

(100 million yen)

	1-2Q.FY2012	1-2Q.FY2013	Change%	FY2012	FY2013e	Change%
CAPEX	702	737	+5.0%	1,553	1,700	+9.4%
Depreciation & Amortization	569	674	+18.5%	1,179	1,300	+10.3%
R&D	238	233	-2.1%	484	500	+3.4%

Exchange rates, Crude Oil Price: Actual and Forecast

		FY2012				FY2013			
		1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
JPY/USD	Average	79.28	80.20	78.62	81.17	92.42	98.76	100.0*	
	At term	82.19	79.31	77.60	86.58	94.05	98.59		
JPY/EUR	Average	103.99	102.91	98.36	105.25	122.04	128.95	130.0*	
	At term	109.80	98.74	100.24	114.71	120.73	128.53		
Dubai Crude Oil (\$/BBL)		\$116.2	\$106.4	\$106.3	\$107.5	\$108.2	\$100.8	\$110.0*	

*Assumption for FY2013