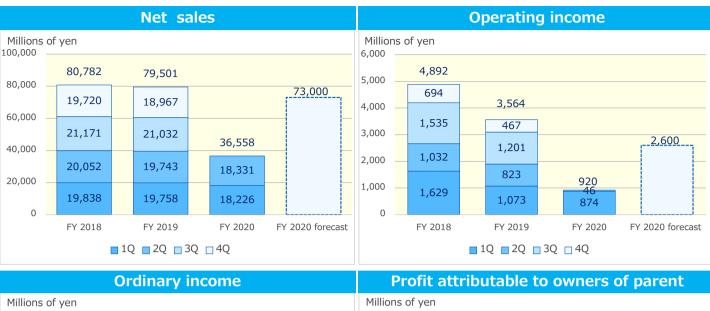
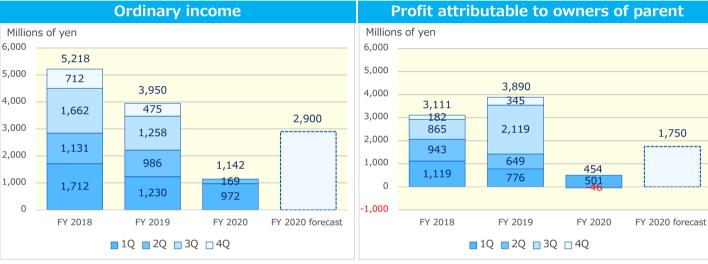


# DATA BOOK FY2020

2nd Quarter ended September 30, 2019

### **Achievement Transition (Consolidated)**





consolidated	FY 2018 (2Q)		FY 2019 (2Q)		FY 2020 (2Q)		FY 2018		FY 2	2019	FY 2020 forecast	
consolidated	Millions of yen	% Change	Millions of yen	% Change								
Net sales	39,890	5.1	39,501	△ 1.0	36,558	△ 7.5	80,782	4.4	79,501	△ 1.6	73,000	△ 8.2
Operating income	2,662	4.3	1,896	△ 28.8	920	△ 51.4	4,892	△ 4.0	3,564	△ 27.1	2,600	△ 27.1
Ordinary income	2,843	14.8	2,216	△ 22.0	1,142	△ 48.5	5,218	△ 1.8	3,950	△ 24.3	2,900	△ 26.6
Profit attributable to owners of parent	2,063	20.8	1,425	△ 30.9	454	△ 68.1	3,111	△ 8.9	3,890	25.0	1,750	△ 55.0

# Management index transition

consolidated	FY 2018 (2Q)		FY 2019 (2Q)		FY 2020 (2Q)		FY 2018		FY 2	2019	FY 2020 forecast	
consolidated	Millions of	Increase	Millions of	Increase	Millions of	Increase	Millions of	Increase	Millions of	Increase	Millions of	Increase
	yen	/Decrease	yen	/Decrease	yen	/Decrease	yen	/Decrease	yen	/Decrease	yen	/Decrease
Capital investment	812	△ 333	1,038	226	1,418	380	1,937	△ 170	2,977	1,040	4,300	1,322
Depreciation and amortization	1,254	△ 34	1,319	64	1,323	4	2,613	△ 48	2,870	257	2,940	69
R&D expenses	1,591	70	1,506	△ 84	1,519	13	3,220	41	3,051	△ 169	3,100	48
Interest-bearing debt	11,553	△ 2,652	10,873	△ 679	15,767	4,893	11,269	△ 2,031	14,349	3,080	19,200	4,850
EBITDA	3,916	74	3,215	△ 701	2,244	△ 971	7,506	△ 251	6,435	△ 1,070	5,540	△ 895

[ **EBITDA** ] Earnings Before Interest , Taxes , Depreciation , and Amortization

#### **Segment Information (Consolidated)**



#### **Segment Information (Consolidated)**

Canaali	i data d	FY 201	.8 (2Q)	FY 201	9 (2Q)	Q) FY 2020 (2Q)			2018	FY 2	2019	FY 2020 forecast		
Consoli	idated	Miliions of yen	% Change	Miliions of yen	% Change									
	Net sales	9,900	12.2	10,222	3.3	9,715	△ 5.0	19,839	8.7	21,295	7.3	19,300	△ 9.4	
Paper chemicals	Segment income	590	△ 11.7	166	△ 71.8	193	16.5	934	△ 26.9	366	△ 60.8	380	3.7	
	Segment income/sales	6.0	)%	1.6	5%	2.0	)%	4.7	7%	1.7	7%	2.0%		
	Net sales	9,443	1.0	9,008	△ 4.6	7,900	△ 12.3	19,150	△ 1.2	18,049	△ 5.7	15,800	△ 12.5	
Coating chemicals	Segment income	525	1.0	503	△ 4.3	417	△ 17.1	1,105	△ 1.0	1,051	△ 4.8	800	△ 23.9	
	Segment income/sales	5.6	5%	5.6	5%	5.3	3%	5.8	3%	5.8	3%	5.1	-%	
	Net sales	14,673	2.9	14,102	△ 3.9	13,054	△ 7.4	29,920	5.8	27,698	△ 7.4	25,700	△ 7.2	
Adhesive Materials	Segment income	1,438	4.6	1,132	△ 21.3	561	△ 50.4	2,477	△ 2.5	1,751	△ 29.3	1,220	△ 30.3	
	Segment income/sales	9.8%		8.0%		4.3%		8.3%		6.3%		4.7%		
	Net sales	5,728	7.1	6,016	5.0	5,732	△ 4.7	11,607	3.9	12,192	5.0	11,900	△ 2.4	
Functional Materials	Segment income	287	35.9	411	43.1	194	△ 52.8	619	10.5	632	2.1	470	△ 25.7	
· iacoriais	Segment income/sales	5.0%		6.8%		3.4%		5.3%		5.2%		3.9%		
	Net sales	144	△ 6.1	151	5.0	155	2.5	265	△ 5.8	266	0.3	300	12.7	
Others	Segment income	15	26.5	16	6.3	16	4.4	24	55.3	26	7.2	30	12.5	
	Segment income/sales	10.	4%	10.5%		10.7%		9.4%		10.0%		10.	0%	
	Net sales	39,890	5.1	39,501	△ 1.0	36,558	△ 7.5	80,782	4.4	79,501	△ 1.6	73,000	△ 8.2	
Subtotal	Segment income	2,857	2.5	2,229	△ 22.0	1,383	△ 37.9	5,162	△ 6.4	3,828	△ 25.8	2,900	△ 24.3	
	Segment income/sales	7.2	2%	5.6	5%	3.8	3%	6.4	1%	4.8%		4.0	)%	
	Development Investment	△ 181	_	△ 165	_	△ 147	_	△ 374	_	△ 352	_	△ 300		
Consolidated total	Segment income	2,675	2.4	2,063	△ 22.8	1,236	△ 40.1	4,787	△ 6.6	3,476	△ 27.4	2,600	△ 25.2	
	Segment income/sales	6.7	7%	5.2	2%	3.4	1%	5.9%		4.4%		3.6%		

<sup>\*</sup>Applied research and development expense that will be the source of growth in the medium to long term.

The sales of business segmentation do not include intersegment sales.

 $\hbox{[Paper chemicals] Size agent, Paper strengthening agent, Latex, etc.}\\$ 

 $[\hbox{Coating chemicals}] \ \hbox{Printing ink resin, Paint resin, Polymerization emulsifier, UV/EB curable resin, etc.}$ 

 $[{\sf Adhesive\ Materials}]\ {\sf Adhesive\ resin,\ Colorless\ rosin\ derivatives,\ etc.}$ 

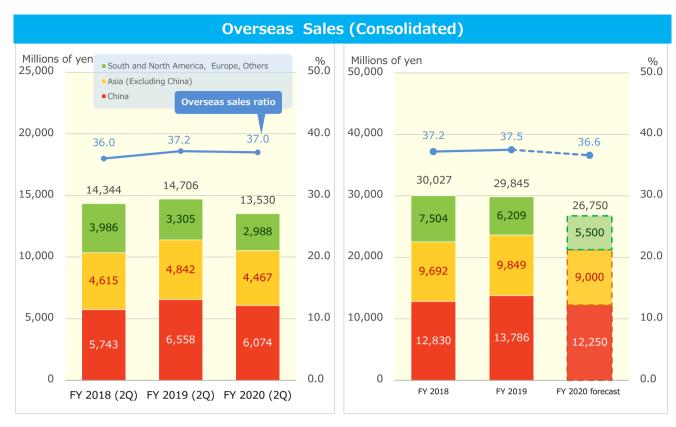
[Functional Materials] Compound materials for electronics, Functional fine chemical materials, Polishing agent for hard disk substrates, Flux cleanig System, etc.

[Others] Insurance business, Real estate agent, etc.

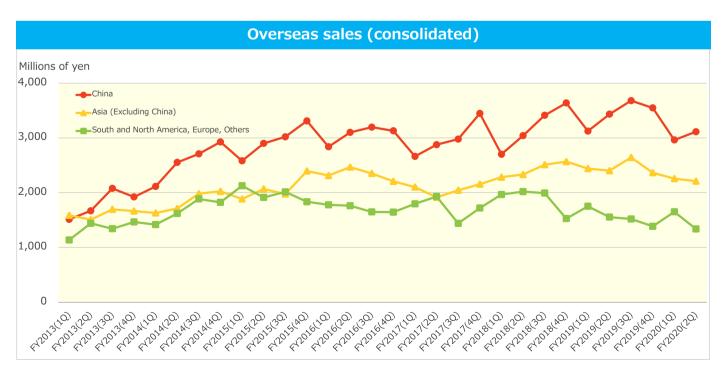
 $From \ FY2019, \ classification \ of \ some \ products \ has \ been \ changed \ from \ Functional \ Materials \ to \ Adhesive \ Materials.$ 

The figures of FY2018 stated above have been modified to reflect the operating results based on the business segment after this change.

## **Overseas Sales (Consolidated)**



Consolidated	FY 2018 (2Q)		FY 2019 (2Q)		FY 2020 (2Q)		FY 2018		FY 2	2019	FY 2020 forecast	
Consolidated	Millions of yen	% Change	Millions of yen	% Change								
Overseas sales	14,344	8.0	14,706	2.5	13,530	△ 8.0	30,027	10.9	29,845	△ 0.6	26,750	△ 10.4
Overseas sales in Asia	10,358	8.4	11,400	10.1	10,542	△ 7.5	22,522	11.6	23,635	4.9	21,250	△ 10.1
Overseas sales in China	5,743	3.7	6,558	14.2	6,074	△ 7.4	12,830	7.2	13,786	7.5	12,250	△ 11.1
Overseas sales ratio	36.	0%	37.	2%	37.0%		37.2%		37.	5%	36.6%	



# Balance Sheets (Consolidated)

(Unit: Millions of yen)

	FY2019 (2	20)	FY2020 (2	2 <b>Q</b> )	FY2019	l		crease
Item	(As of September	30, 2018	(As of Septembe	r 30, 2019	(As of March 3	1, 2019)	/De	crease
	Amount	Com- position ratio	Amount (A)	Com- position ratio	Amount (B)	Com- position ratio	(A)	— (B)
(Assets)		%		%		%		
I Current assets								
1. Cash and deposits	7, 853		7, 091		9, 061		Δ	1, 970
2. Notes and accounts receivable - trade	26, 894		21, 742		27, 069		Δ	5, 326
3. Electronically recorded monetary claims - operating	2, 018		1, 665		1, 969		Δ	303
4. Merchandise and finished goods	8, 101		8, 185		9, 508		Δ	1, 322
5. Work in process	1, 026		826		1, 006		Δ	180
6. Raw materials and supplies	6, 939		6, 745		7, 311		Δ	566
7. Other	1, 358		2, 501		1, 143			1, 358
Allowance for doubtful accounts	Δ 123		△ 103		△ 114			10
Total Current assets	54, 069	61.7	48, 655	55. 1	56, 956	61.8	Δ	8, 300
I Noncurrent assets								
1. Property, plant and equipment								
(1) Buildings and structures	7, 547		7, 800		7, 684			115
(2) Machinery, equipment and vehicles	5, 786		5, 818		5, 956		Δ	138
(3) Land	5, 140		5, 142		5, 140			2
(4) Construction in progress	2, 594		10, 668		5, 937			4, 731
(5) Other	491		568		549			18
Total property, plant and equipment	21, 560	24. 6			25, 268	27. 4		4, 729
2. Intangible assets								
(1) Goodwill	684		402		543		Δ	140
(2) Other	416		437		398			39
Total intangible assets	1, 175	1.2	840	1.0	941	1.0	Δ	101
3. Investments and other assets								
(1) Investment securities	8, 665		6, 968		7, 261		Δ	293
(2) Retirement benefit asset	1, 736		1, 160		1, 105			55
(3) Deferred tax assets	275		300		305		Δ	5
(4) Other	343		355		386		Δ	30
Allowance for doubtful accounts	Δ 68		△ 64		Δ 66			2
Total investments and other assets	10, 952	12. 5	8, 720	9. 9	8, 991	9.8	Δ	271
Total noncurrent assets	33, 613	38. 3	39, 558	44. 8	35, 201	38. 2		4, 357
III Deferred Assets		1				]		
1. Business commencement expenses	_		99		17			82
Total deferred assets	_	1 –	99	0. 1	17	0.0		82
Total assets	87, 683	100.0	88, 313	100.0	92, 174	100. 0	Δ	3, 861
						1		

(Unit: Millions of yen)

	FY2019 (	2Q)	FY2020 (2Q)		FY2019			rease
Item	(As of Septembe	r 30, 2018)	(As of September 3	30, 2019)	(As of March 3	1, 2019)	/ De	ecrease
	Amount	Com- position ratio	Amount (A)	Com- position ratio	Amount (B)	Com- position ratio	(A)	— (B)
(Liabilities)		%		%		%		
I Current liabilities								
1. Notes and accounts payable - trade	11, 599		8, 712		12, 178		Δ	3, 466
2. Short-term borrowings	5, 648		6, 902		5, 454			1, 448
3. Income taxes payable	378		301		752		Δ	451
4. Accrued consumption taxes	127		110		142		Δ	31
5. Provision for bonuses	1, 163		1, 180		1, 222		Δ	42
6. Provision for bonuses for directors (and other officers)	36		15		60		Δ	45
7. Provision for repairs	89		_		105		Δ	105
8. Notes payable - facilities	74		168		111			56
9. Other	4, 480		4, 692		4, 825		Δ	133
Total current liabilities	23, 598	26. 9	22, 082	25. 0	24, 853	27. 0	Δ	2, 770
I Noncurrent liabilities								
1. Bonds payable	5, 000		5, 000		5, 000			_
2. Long-term borrowings	225		3, 865		3, 895		Δ	30
3. Deferred tax liabilities	1, 815		1, 168		1, 186		Δ	17
4. Provision for repairs	_		15		-			15
5. Retirement benefit liability	324		312		305			7
6. Asset retirement obligations	288		324		330		Δ	6
7. Other	290		288		276			11
Total noncurrent liabilities	7, 943	9. 1	10, 974	12. 4	10, 994	11. 9	Δ	20
Total liabilities	31, 541	36. 0	33, 057	37. 4	35, 848	38. 9	Δ	2, 790
(Net assets)								
I Shareholders' equity								
1. Share capital	3, 343		3, 343		3, 343			_
2. Capital surplus	3, 564		3, 564		3, 564			_
3. Retained earnings	42, 101		44, 138		44, 153		Δ	15
4. Treasury shares	Δ 13		△ 452		Δ 13		Δ	439
Total shareholders' equity	48, 995	55. 9	50, 593	57. 3	51, 047	55. 4	Δ	454
I Accumulated other comprehensive income								
1. Valuation difference on available-for-sale securities	3, 739		2, 582		2, 796		Δ	214
2. Foreign currency translation adjustment	930		380		727		Δ	346
3. Remeasurements of defined benefit plans	800		157		175		Δ	17
Total accumulated other comprehensive income	5, 470	6. 2		3. 5	3, 699	4. 0	Δ	579
Ⅲ Minority interests	1, 675	1. 9		1.8		1. 7	Δ	36
Total net assets	56, 141	64. 0		62. 6	56, 326	61. 1	Δ	1, 070
Total liabilities and net assets	87, 683	100.0		100.0	92, 174	100. 0	Δ	3, 861

#### Statements of Income (Consolidated)

(Unit: Millions of yen)

	FV0040 (00)						(Unit: Millions						
		FY2019 (2Q)			FY2020 (2Q)			Increa	,			FY2019	
	,	18/4-' 18/9		,	19/4-' 19/9			Decrea	ase		,	18/4–' 19/3	
Item	A	mount	Ratio	Ar	mount	Ratio	Amount			e of	An	nount	Ratio
I Net Sales		39, 501	% 100. 0		36, 558	% 100. 0	Δ	2, 943	Δ	% 7. 5		79, 501	% 100. 0
II Cost of sales		39, 301	77.8		28, 922	79. 1	Δ	1, 814	Δ	5. 9		62, 123	78. 1
Gross profit		8, 764	22. 2		7, 636	20.9	Δ			12. 9		17. 378	21. 9
·		· '	17. 4		,			1, 128	Δ			,	
III Selling, general and administrative expenses		6, 867	4.8		6, 715	18. 4 2. 5	Δ	152 975	Δ	2. 2		13, 813	17. 4
Operating income IV Non-operating income		1, 896	4.8		920	2.5	Δ	9/5	Δ	51.4		3, 564	4. 5
Interest income	9			15							18		
Dividend income	103			114							197		
Rental income from real estate	56			49							107		
Foreign exchange gains	144			-							146		
Insurance claim income	-			146							-		
Other	116	430	1.1	56	382	1.0	Δ	47	Δ	11.1	195	667	0.8
V Non-operating expenses													
Interest expenses	80			79							149		
Foreign exchange losses	-			41							-		
Compensation expenses Other	29	110	0.3	- 39	161	0.4		50		46. 2	68 62	280	0. 4
	29	2, 216	5.6	39	1, 142	3.1	Δ	1, 074		48. 5	02	3, 950	4. 9
Ordinary income		2, 210	3. 0		1, 142	3. 1	Δ	1,074	Δ	48. 5		3, 950	4. 9
VI Extraordinary income	5			٥							5		
Gain on sales of non-current assets Gain on sales of investment securities	7			0 21							5 7		
Insurance claim income	63			-							2, 118		
Reversal of provision foreign currency translation adjustment	-	75	0. 2	7	29	0. 1	Δ	46	Δ	60.8	-	2, 130	2. 7
VII Extraordinary loss													
Loss on sales and retirement of non-current assets	34			13							235		
Loss on valuation of non-current assets	-			-							0		
Loss on sales of investment securities	-			-							0		
Loss on valuation of investment securities	-			-							14		
Loss on sales of investments in capital Expenses for suspension of operation	_	34	0.1	15 91	119	0.3		85		249. 9	_	250	0. 3
Income before income taxes		2, 258	5.7	31	1, 052	2.9	Δ	1, 205	Δ	53. 4		5, 831	7. 3
Income taxes-current	473	2, 230	0.7	309	1,002	2. 3		1, 200		JJ. 4	1, 385	3, 001	7. 5
Income taxes-deferred	186	659	1.7	95	405	1.1	Δ	253	Δ	38. 5	211	1, 596	2. 0
Net income		1, 599	4. 0		647	1.8	Δ	952	Δ	59.5		4, 235	5. 3
Income before minority interests		174	0.4		192	0. 5		18		10.8		344	0.4
Profit attributable to owners of parent		1, 425	3. 6		454	1. 3	Δ	970	Δ	68. 1		3, 890	4. 9
<reference> Statements of Comprehensive Income(Consolidated)</reference>													
Net income		1, 599			647		Δ	952	Δ	59.5		4, 235	
Other comprehensive income								_					
Valuation difference on available-for-sale securities		△ 140			△ 214		Δ	73				△ 1,083	
Foreign currency translation adjustment Remeasurements of defined benefit plans, net of tax		△ 575 △ 46			△ 409 △ 17			165 28				△ 780 △ 673	
Remeasurements of defined benefit plans, net of tax  Total other comprehensive income		△ 46 △ 762			△ 17 △ 641			120				△ 6/3 △ 2, 537	
Comprehensive income		837	1		5		Δ	831	Δ	99. 3		1, 697	
		- 30.	<u> </u>					-71				.,,	

# Statements of Cash Flows (Consolidated)

(Units: Millions of yen)

			(OIII La	: Millions of yen)
	FY2019 (2Q)	FY2020 (2Q)	Increase /	FY2019
Item	' 18/4–' 18/9	' 19/4–' 19/9	Decrease	' 18/4–' 19/3
Item	Amount	Amount	Amount	Amount
I Cash flows from operating activities				
Income before income taxes	2, 258	1, 052	△ 1, 205	5, 831
Depreciation	1, 319	1, 323	4	2, 870
Amortization of goodwill	140	140	-	281
Increase (decrease) in allowance for doubtful accounts	1	△ 9	△ 10	Δ 7
Increase (decrease) in provision for bonuses	△ 105	△ 40	65	△ 43
Increase (decrease) in provision for bonuses for directors (and other officers)	△ 44	△ 45	Δ 1	Δ 20
Increase (decrease) in retirement benefit liability	Δ 2	_7	. 9	Δ 21
Decrease (increase) in retirement benefit asset	△ 198	△ 55	143	433
Loss (gain) on sales of investment securities	Δ 7	△ 21	Δ 14	Δ 7
Loss on valuation of investment securities Loss (gain) on sales of investments in capital	_	- 15	- 15	14
Loss (gain) on sales and retirement of non-current assets	29	13	Δ 16	230
Reversal of foreign currency transaction adjustment	_	Δ 7	$\Delta$ 7	-
Expenses for suspension of operation	_	91	91	-
Insurance claim income	△ 63		63	Δ 2, 118
Interest and dividend income	Δ 113	△ 129	Δ 16	Δ 216
Interest expenses	80	79	Δ 1	149
Decrease (increase) in trade receivables	923	5, 423	4, 499	649
Decrease (increase) in inventories	△ 97	1, 888	1, 985	△ 1,962
Increase (decrease) in trade payables	△ 291	△ 3, 382	△ 3,090	339
Increase (decrease) in accrued consumption taxes Other	32 △ 291	92 △ 1,058	59 △ 767	45 △ 1.163
Subtotal	3, 570	5, 376	1, 805	5, 285
Interest and dividends received	119	129	1,000	215
Interest paid	Δ 98	△ 58	4 <b>0</b>	△ 168
Proceeds from insurance income	132	-	△ 132	2, 621
Income taxes (paid) refund	△ 688	△ 928	△ 239	△ 1, 225
Cash flows from operating activities	3, 035	4, 519	1, 483	6, 728
II Cash flows from investing activities				
Decrease (increase) in time deposits	Δ 7	-	7	△ 25
Purchase of property, plant and equipment	△ 2, 871	△ 5, 852	Δ 2, 980	△ 7, 954
Proceeds from sales of property, plant and equipment	65	10	△ 54	69
Purchase of investment securities	Δ 17	△ 23	$\triangle$ 6	△ 33
Proceeds from sales of investment securities Purchase of intangible assets	9 △ 25	30 △ 66	20 △ 40	9 △ 41
Payments for deferred assets		△ 82	Δ 40 Δ 82	Δ 16
Decrease (increase) in other investments	2	1	$\Delta$ 0	3
Other	△ 32	△ 9	23	△ 220
Cash flows from investing activities	Δ 2, 877	Δ 5, 992	Δ 3, 114	Δ 8, 208
Ⅲ Cash flows from financing activities				
Net increase (decrease) in short-term borrowings	△ 169	1, 523	1, 693	Δ 122
Proceeds from long-term borrowings	300	-	Δ 300	4, 000
Repayments of long-term borrowings	△ 358	△ 30	328	△ 567
Purchase of treasury shares	Δ 0	△ 439	△ 439	Δ 0
Repayments to non-controlling shareholders		△ 173	△ 173	_
Dividends paid	△ 392	△ 454	△ 61	△ 804
Dividends paid to non-controlling interests Other	_ _	△ 0 △ 804	Δ 0 Δ 804	△ 262 _
Cash flows from financing activities	Δ 619	△ 377	241	2, 243
IV Effect of exchange rate change on cash and cash equivalents	△ 161	△ 117	43	△ 196
V Net increase (decrease) in cash and cash equivalents	△ 623	△ 1, 968	△ 1,345	566
VI Cash and cash equivalents at beginning of period	8, 404	8, 970	566	8, 404
VII Cash and cash equivalents at end of period	7, 781	7, 002	△ 778	8, 970
12 545.1 4.14 54011 Oquitatorico de oria or por rou	7, 701	1,002		3, 070