01. Subject Summary

Subject Identification

Subject Name	***Redacted***
Туре	Listed in KSE / High Potential Enterprises
Stock Code	000240
Tax Identification	220-81-02784
Established	1955.02.16
President(CEO)	Jo,Hyeon Beom
Industry	K64992
	Activities of holding companies
No. of Employees	1049 (2021.09.30)
Address	(13494) 286, Pangyo-ro Bundang-gu Seongnam-si Gyeonggi
Tel.	02-5178-7000
Website	www.hankookandcompany.com

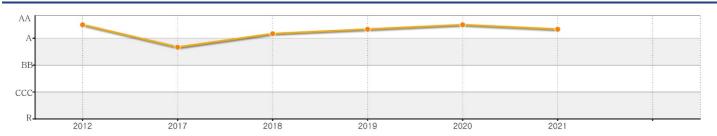


AA is the excellent credit capability for commercial transactions and retains an appropriate dealing ability with the changes of macro and micro economic condition.



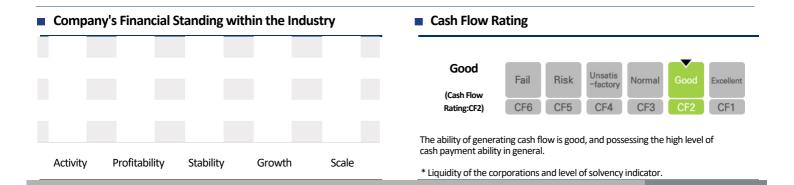
The indication of credit status changes has been observed. Additional analysis on its effects to company's profitability and other impacts is recommended.

Credit Rating History



X Notes: Although there can be more than one rating made each year, only the last credit rating of each year is shown above.

Notes: The credit rating is estimated by the analysis based on the recent data.



01. Subject Summary

Financial Highlights

(Unit : million KRW) Total Stockholder's Equity Total Asset Total Liability Sales(Net) Fiscal Yr. **Operating Income** Net Income 2020.12.31 2,314,696 59,122 2,255,574 64,145 38,776 35,120 2019.12.31 2,333,724 81,431 2,252,293 82,651 58,324 53,196 2018.12.31 81,410 2,307,992 2,226,581 74,874 54,283 49,188 Audit Opinion Unqualified **Fiscal Year End** 2020.12

Financial Ratio Highlights

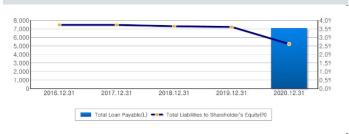
Financial Ratio		2018.	12.31	2019.12.31		2020.12.31		
			Subject	B.O.K. Avg.	Subject	B.O.K. Avg.	Subject	B.O.K. Avg.
	Net Sales Growth	%	-14.36	-	10.39	-	-22.39	-
Growth	Total Assets Growth	%	0.84	-	1.11	-	-0.82	-
	Operating Income Growth	%	27.95	-	7.44	-	-33.52	-
	Income to Total Asset Ratio	%	2.14	-	2.29	-	1.51	-
Profitability	Net Income to Shareholder's Equity	%	2.22	-	2.38	-	1.56	-
	Net Income to Net Sales	%	65.69	-	64.36	-	54.75	-
	Equity to Total Assets	%	96.47	-	96.51	-	97.45	-
Stability	Total Liabilities to Shareholder's Equity	%	3.66	-	3.62	-	2.62	-
	Total Borrowings to Total Assets	%	0.00	-	0.00	-	0.31	-
	Total Assets Turnover	Times	0.03	-	0.04	-	0.03	-
Activity	Account Receivables Turnover	Times	3.28	-	4.59	-	3.79	-
	Inventory Turnover	Times	-	-	-	-	-	-

X B.O.K. Avg. shows an average value calculated by Bank of Korea every year.

Time Series Analysis of Financial Ratio



Stability

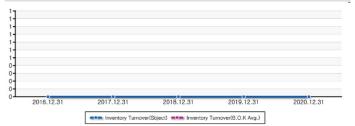






Unit : Million Won,%





01. Subject Summary

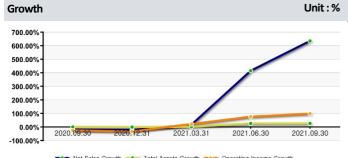
Financial Highlights (Quarterly)

Financial Highlight	Financial Highlights (Quarterly)							
Fiscal Yr.	Total Asset	Total Liability	Total Stockholder's Equity	Sales	Operating Income	Net Income		
2021.09.30	2,914,720	235,135	2,679,585	391,355	70,517	59,806		
2021.06.30	2,903,108	240,409	2,662,698	214,414	51,400	42,734		
2021.03.31	2,343,486	103,656	2,239,830	38,236	32,630	30,328		

Financial Ratio Highlights (Quarterly)

	Financial Ratio		2020.12.31	2021.03.31	2021.06.30	2021.09.30
	Net Sales Growth	%	-22.39	16.35	414.84	634.79
Growth	Total Assets Growth	%	-0.82	1.24	25.42	25.92
	Operating Income Growth	%	-33.52	20.94	75.47	98.30
	Income to Total Asset Ratio	%	1.51	5.21	3.28	3.05
Profitability	Net Income to Shareholder's Equity	%	1.56	5.40	3.48	3.23
	Net Income to Net Sales	%	54.75	79.32	19.93	15.28
	Equity to Total Assets	%	97.45	95.58	91.72	91.93
Stability	Total Liabilities to Shareholder's Equity	%	2.62	4.63	9.03	8.78
	Total Borrowings to Total Assets	%	0.31	0.30	3.28	3.32
	Total Assets Turnover	Times	0.03	0.07	0.16	0.20
Activity	Account Receivables Turnover	Times	3.79	9.71	5.08	5.80
	Inventory Turnover	Times	-	-	10.48	10.33

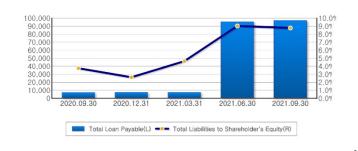
Time Series Analysis of Financial Ratio (Quarterly)



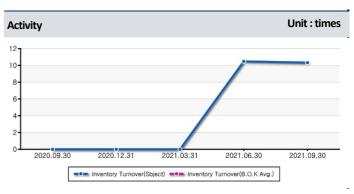
Net Sales Growth Total Assets Growth Operating Income Growth

Stability

Unit : Million Won,%







02. Industry Analysis

Industry Profile

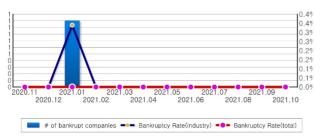
Industry Name	Activities of holding companies
Industry Code (KSIC)	к64992
# of Companies in the industry	231 companies

times This varies depending on the head office location

Financial Analysis of (Activities of holding companies) Industry

Industry Average (Financial) 2018 2019 2020 136,607,279 142,491,985 Total Asset 165,516,988 98,935,638 104,437,258 Total Stockholder's Equity 117,309,125 Financial Sales(NET) 19,345,132 19,608,270 19,507,446 4,842,504 4,805,664 **Operating Income** 5,643,392 Net Income 7,952,315 4,206,849 8,462,730 Operating Income to Net Sales Ratio 25 25 29 5 3 5 Net Income to Total Assets Ratio **Financial Ratio** Debt Ratio 38 36 41 Current Ratio 82 81 93 Net Sales Growth -36 1 6

Bankruptcy Rate Analysis

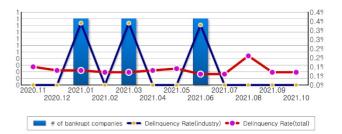


(Unit : %)

Delinquency Rate Analysis

(Unit : %)

(Unit : million KRW, %)



03. Profitability Analysis

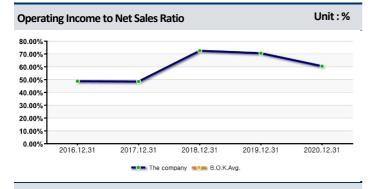
Key Financial Ratio

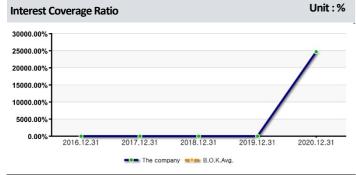
Ratio	Unit	2018.12.31	2019.12.31	2020.12.31	B.O.K. Avg.	Industry Avg. (2	(2020)
Operating Income to Net Sales Ratio	%	72.50	70.57	60.45	-		28.93
Net Income to Total Assets Ratio	%	2.14	2.29	1.51	-		5.48
Interest Coverage Ratio	Times	-	-	247.15	-		6.18
EBITDA/Sales(Net)	%	75.60	73.21	64.81	-		32.31

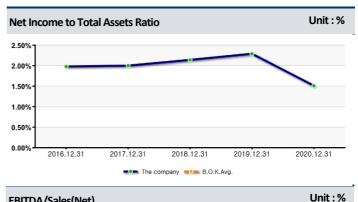
Reference

Ratio	Formula	Description
Operating Income to Net Sales Ratio	Operating Income / Sales(Net)) x 100	It is an index that compares the sales and operating profit of the company's operation performance; the higher the index the high efficiency of operating business since the profit earned is high with the same sales.
Net Income to Total Assets Ratio	(Net Income / Avg Total Assets) x 100	It is an index that compares the assets held by company and gained profit by company, and it shows how efficiently the asset held by the company is being operating. The higher the better.
Interest Coverage Ratio	Operating Income / Financial Charges	It is an index that compares operating profit from outcome of the company's operating activities and financial expenses of the cost of outsourced funds, the higher the high ability to repay the debt principal and interest through the sales activities of the company.
EBITDA/Sales(Net)	(EBITDA / Sales(Net)) x 100	EBITDA, sum amount of depreciation cost and intangible assets that does not require cash from operating profit, is used as the substitution index of cash flow from operating activities. The higher the better because compared to the sales, earned cash is larger when the ratio is high.

Time Series Analysis of Financial Ratio









04. Stability Analysis

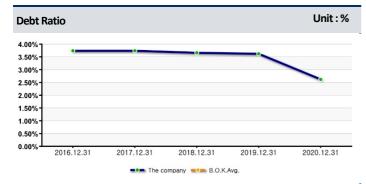
Key Financial Ratio

Ratio	Unit	2018.12.31	2019.12.31	2020.12.31	B.O.K. Avg.	Industry Avg. (2020)
Debt Ratio	%	3.66	3.62	2.62	-	41.09
Current Ratio	%	999.46	1109.45	1059.14	-	92.95
Total Borrowings to Total Assets	%	0.00	0.00	0.31	-	19.62
Fixed Assets to Long-term Capital	%	91.64	91.46	91.92	-	101.29

Reference

Ratio	Formula	Description
Debt Ratio	(Total Liabilities / Total Stockholders' Equity) x 100	It is an index that compares the borrowed capital (debt), the source of corporate assets, and equity share capital. The financial structure is poor when the debt ratio goes high because it means high burden of repayment of debt. Less than 200% of debt ratio is normal.
Current Ratio	(Total Current Assets / Total Current Liabilities) x 100	It is an index that compares the size of current assets that can be cashed within 1 year and current liabilities to be repaid within one year of the assets that are held by the company. As it evaluates the company's ability to pay short-term borrowings, the higher the better ability to pay short-term
Total Borrowings to Total Assets	(Total Borrowings /Total Assets) x 100	It is an index that compares the size of the total assets that are held by the company and the debt repayment by the company. The higher ratio means the high burden of repayment of debt.
Fixed Assets to Long-term Capital	{(Total Non-Current Assets — Total Deferred Assets) / (Total Stockholders' Equity	Because the non-current assets take long time to liquidate through operating activities, it has to be obtained with less short-term financing obligations when purchasing such as non-current liabilities and shareholders' equity.

Time Series Analysis of Financial Ratio









05. Growth & Activity Analysis

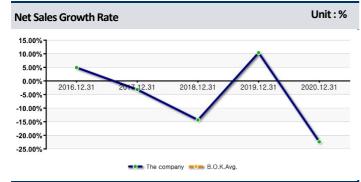
Key Financial Ratio

Ratio	Unit	2018.12.31	2019.12.31	2020.12.31	B.O.K. Avg.	Industry Avg. (2020)
Net Sales Growth Rate	%	-14.36	10.39	-22.39	-	5.83
Net Income Growth Rate	%	7.87	8.15	-33.98	-	100.82
Total Asset Turnover Ratio	Times	0.03	0.04	0.03	-	0.13
Receivable Turnover Ratio	Times	3.28	4.59	3.79	-	7.05

Reference

Ratio	Formula	Description
Net Sales Growth Rate	(Net Sales of Current Period / Net Sales of Previous Period-1) x 100	It is an index showing the degree of increased in sales year-on-year, and is desirable to have the positive (+) value.
Net Income Growth Rate	(Net Income of Current Period / Net Income of Previous Period-1)x100	It is an index showing the degree of increased in net profit year-on-year, and is desirable to have the positive (+) value. If the net income for the year or the previous year's value is less than 0, the value cannot be displayed.
Total Asset Turnover Ratio	Net Sales / Average Total Assets	With the value of sales of the company divided by the total assets, this index shows how efficiently the total capital invested in the company is being used.
Receivable Turnover Ratio	Net Sales / Average Account	With the value of sales of the company divided by the annual average amount of accounts receivable, high level means quick liquidation of the trade receivables that are held by the company. If the turnover of receivables is excessively lower than the industry average, there are possibilities of liquidity problems due to elongation of trade receivables collection period.

Time Series Analysis of Financial Ratio









07. Company Profile

Registration

Company Name	***Redacted***	Established Date	1955.02.16				
Tax Identification #	***Redacted***	***Redacted*** Incorporation # 110111-0034233					
President(CEO)	***Redacted***						
Homepage	***Redacted***						
No. of Employees	1,049 (2021.09.30)						
Type/Size	High Potential Enterprises			Listed Date	1968.12.27		
Address	(13494) 286, Pangyo-ro Bundang-gu Seor	gnam-si Gyeonggi					
Address	TEL: 02-5178-7000 FAX: 02-2222-1100						
Industry (KSIC)	(K64992) Activities of holding companies						
Major Products	Tire, Tubes, Battery						
Group Affiliated	Han Kook Tire						
Reference Bank	Woori Bank	Fiscal Year End	12				

07. Company Profile (Cont'd)

Major Shareholders (as of 2021.09.30)

	Name of Shareholder	No. of Shares	Percentage
Redacted		39,901,871	42.03
Redacted		17,974,870	18.93
Redacted		10,068,989	10.61
Redacted		769,583	0.81
Redacted		7,098	0.01

% Displays up to 5 shareholders

Employee Details (as of 2021.09.30)

Executive Officers	General Admin.	Technical Workers	Production Workers	Others	Total
23	0	0	0	1,050	1,073

Managements (as of 2021.09.30)

Position	Name	Date of Birth	Recent Career
CEO	Jo,Hyeon Beom	1972.01.07	-
Vice Chairperson	Jo,Hyeon Sik	1970.01.07	-
Senior Managing Director	Won,Jong Pil	1970.08.00	-
Outside Director	Kim,Sun Gi	1953.01.26	-
Outside Director	Jeon,Byeong Jun	1960.10.07	-

X Displays up to 5

07. Company Profile (Cont'd)

Related Companies (as of 2021.06.30)

(Unit : million KRW)

Related compar		(one: mino			
Company Name		HANKOOK TIRE & TECHNOLOGY CO ,LTD			
President (CEO)		Lee,Su II			
Industry (KSIC)		Manufacture of rubber tires and tubes			
Address		286, Pangyo-ro Bundang-gu Seongnam-si Gyeonggi			
	Total Assets	6,429,887			
Financial Highlights	Equity Capital	4,671,291			
Fiscal Year:	Net Sales	2,862,380			
(2020.12.31)	Net Income	87,353			
Company Name		ARUM DENTISTRY CO ,LTD			
President (CEO)		Lee, Jeong Hyeon			
Industry (KSIC)		Manufacture of dental instruments and appliances			
Address		Gukjegwahak 11-ro Yuseong-gu Daejeon, 23			
The second state is the second	Total Assets	27,403			
Financial Highlights	Equity Capital	19,765			
Fiscal Year:	Net Sales	19,947			
(2020.12.31)	Net Income	3,452			
Company Name		AREUM HOLDINGS CO ,LTD			
President (CEO)		Jeon,Byeong U			
Industry (KSIC)		Activities of management consultancy			
Address		44, Techno 8-ro Yuseong-gu Daejeon			
The second state is the second	Total Assets	28,524			
Financial Highlights	Equity Capital	8,605			
Fiscal Year:	Net Sales	1,583			
(2020.12.31)	Net Income	-670			
Company Name		HANKOOK NETWORKS CO , LTD			
President (CEO)		Lee,Sang Mong			
Industry (KSIC)		Computer system consultancy activities			
Address		286, Pangyo-ro Bundang-gu Seongnam-si Gyeonggi			
Financial Highlights	Total Assets	41,751			
Financial Highlights	Equity Capital	26,431			
Fiscal Year:	Net Sales	50,258			
(2020.12.31)	Net Income	1,369			

X Displays up to 4 companies

07. Company Profile (Cont'd)

Revenue Details (as of 2021.06.30)

Revenue Details (as of 2021.06.30) (Unit:					
	2019.12.31	2020.12.31	2021.06.30		
Category/Product	Amount	Amount	Amount		
Product, Commodity, and etc. (Automobile battery and others)	677,976	647,269	335,054		
Trademark rights (Trademark right revenue)	50,800	31,401	16,802		
Gain on valuation using equity method (Subsidiary gain using equity	77,843	83,900	92,315		
Others (Service, Dividend revenue, Rental, and etc.)	40,991	58,372	24,148		

Statement of Financial Position (GAAP)

(Unit : million KRW, %)

(Unit : million KRW, %)

	2018.12.31		2019.12.31		2020.12.31	
Accounting Item	Amount	Ratio	Amount	Ratio	Amount	Ratio
TOTAL CURRENT ASSETS	212,341	9.2	217,280	9.3	204,785	8.8
Total Quick Assets	212,341	9.2	217,280	9.3	204,785	8.8
(Cash & Cash Equivalents)	60,613	2.6	37,635	1.6	3,765	0.2
(A/R-construction, other receivables-operations)	19,027	0.8	16,974	0.7	16,906	0.7
Total Inventory	-	-	-	-	-	-
TOTAL NON-CURRENT ASSETS	2,095,651	90.8	2,116,443	90.7	2,109,911	91.2
Total Tangible Assets	25,086	1.1	25,139	1.1	23,493	1.0
(Land)	7,803	0.3	7,919	0.3	3,707	0.2
(Construction in-progress)	2,211	0.1	2,806	0.1	727	0.0
Total Intangible Assets	7,178	0.3	6,762	0.3	7,652	0.3
Total Investments Assets	2,062,737	89.4	2,083,892	89.3	2,069,537	89.4
TOTAL ASSETS	2,307,992	100.0	2,333,724	100.0	2,314,696	100.0
Total Current Liabilities	21,245	0.9	19,585	0.8	19,335	0.8
(Trade account payable)	-	-	-	-	-	-
(Short-term borrowings)	-	-	-	-	-	
Total Non-current liabilities	60,165	2.6	61,846	2.7	39,787	1.7
(Total bonds)	-	-	-	-	-	-
(Long-term borrowings)	-	-	-	-	-	-
TOTAL LIABILITIES	81,410	3.5	81,431	3.5	59,122	2.6
(Capital stocks)	46,510	2.0	46,510	2.0	46,510	2.0
(Capital surplus)	1,302,628	56.4	1,302,628	55.8	1,302,628	56.3
(Retained earnings)	888,310	38.5	913,289	39.1	917,657	39.6
(Capital adjustments etc.)	-10,867	-0.5	-10,135	-0.5	-11,222	-0.5
TOTAL STOCKHOLDERS' EQUITY	2,226,581	96.5	2,252,293	96.5	2,255,574	97.4

 $\ensuremath{\overset{\scriptstyle \leftrightarrow}{\times}}$ Ratio represents the component ratio to total assets.

Debt Structure (GAAP)

	2018.12.31		2019.12.31		2020.12.31	
Accounting Item	Amount	Ratio	Amount	Ratio	Amount	Ratio
SHORT-TERM BORROWINGS	-	-	-	-	-	-
Short-term Borrowings	-	-	-	-	-	-
Current Portion of Long-term Borrowings	-	-	-	-	-	-
Total short-term Bond	-	-	-	-	-	-
LONG-TERM BORROWINGS	-	-	-	-	-	-
Total Bonds	-	-	-	-	-	-
Long-term Borrowings	-	-	-	-	-	-
TOTAL BORROWINGS	-	-	-	-	-	-
Financing Lease Liabilities	-	-	-	-	7,060	0.3
TOTAL BORROWINGS (Including Financing Lease Liabilities)	-	-	-	-	7,060	0.3

* Ratio of Total Borrowings represents the component ratio to Total Assets where as other ratio represents the component ratio to Total Borrowings (inclu financing lease liabilities)

Income Statement (GAAP)

2018.12.31 2019.12.31 2020.12.31 Accounting Item Amount Ratio Amount Ratio Amount Ratio SALES (NET) 74,874 100.0 82,651 100.0 64,145 100.0 Cost of Sales **GROSS PROFIT** 74,874 100.0 82,651 100.0 64,145 100.0 Selling & General Admin. Expenses 20.591 27.5 24.327 29.4 25,369 39.5 (Depreciation) 1,551 2.1 1,527 1.8 1,966 3.1 (Bad Debt Expenses) 800 1.2 (Personnel Expenses) 5,824 7.8 8,410 10.2 10,688 16.7 **OPERATING INCOME** 72.5 58.324 70.6 38,776 60.5 54,283 Non-operating Income 8,634 11.5 9,750 11.8 7,668 12.0 (Interest Income) 4,803 6.4 4,586 5.6 3,819 5.9 Non-operating Expenses 2,549 3.4 3,204 3.9 31,149 48.6 (Interest Expenses) 157 0.2 Ongoing Business Income(Loss) Before Income Tax 60,368 80.6 64,869 78.5 15,296 23.8 Expense Income Taxes Expenses for Ongoing Business Income(Loss) 11,180 14.9 11,673 14.1 -19,825 -30.9 NET INCOME 49,188 65.7 53,196 64.4 35,120 54.8

X Ratio represents the component ratio to Sales amount

Cash Flow Analysis (GAAP)

2018.12.31 2019.12.31 2020.12.31 Accounting Item Amount Ratio Amount Ratio Amount Ratio NET INCOME 0.0 49,188 0.0 53,196 0.0 35,120 ADJUSTED NET INCOME 50,886 0.0 52,465 0.0 37,683 0.0 -2,053 (Net Inc. in A/R) -7,621 0.0 0.0 732 0.0 (Net Inc. in Inventories) (Net Inc. in Trade Account Payable) -Net Cash from Operations 58,048 0.0 54,863 0.0 37,059 0.0 Net Cash from Non-operation -2.3940.0 -77,841 0.0 -71,238 0.0 Capital Short & Over 0.0 -22,978 0.0 -34,179 55,654 0.0 Net Cash from Financing 308 0.0 (Capital Increase with Consideration) _ (Net Inc. in LT Borrowings) 308 0.0 (Net Inc. in Bonds) _ (Net Inc. in ST Borrowings) _ Net Inc. In Cash & Cash Equivalents 0.0 -22.978 0.0 -33,870 0.0 55,654 Cash at the Beginning of the Period 4,959 0.0 60,613 0.0 37,635 0.0 3,765 Cash at the End of the Period 60,613 0.0 37,635 0.0 0.0

※ Ratio represents the component ratio to Sales amount

(Unit : million KRW, %)

(Unit : million KRW, %)

Statement of Financial Position (IFRS, Non-consolidated)

2018.12.31 2019.12.31 2020.12.31 Accounting Item Amount Ratio Amount Ratio Amount Ratio TOTAL NON-CURRENT ASSETS 2,095,651 2,116,443 90.7 2,109,911 91.2 90.8 **Total Tangible Assets** 22,875 22,333 1.0 1.0 22,766 1.0 9,568 0.4 8,380 0.4 **Total Intangible Assets** 9,389 0.4 2,030,848 88.0 2,056,965 88.1 2,028,265 87.6 Investment Assets Noncurrent Trade and other Receivables 4,000 0.2 11,778 0.5 Other Non-financial Asset 650 0.0 650 0.0 650 0.0 TOTAL CURRENT ASSETS 212,341 9.2 217,280 9.3 204,785 8.8 **Total Inventory** Trade and other Receivables 21,378 0.9 27,272 1.2 19,015 0.8 Investment Assets Current 130,038 5.6 152,361 6.5 181,985 7.9 Other Non-financial Asset 312 0.0 13 0.0 20 0.0 Cash & Cash Equivalents 2.6 1.6 60,613 37,635 3,765 0.2 100.0 TOTAL ASSETS 2,307,992 100.0 2,333,724 2,314,696 100.0 **Issued** Capital 46,510 2.0 46,510 2.0 46,510 2.0 (Capital Stocks) 46,510 2.0 46,510 2.0 46,510 2.0 **Retained Earnings** 888,310 38.5 913,289 39.1 917,657 39.6 Elements of Other Stockholder's Equity 1,291,762 56.0 1,292,494 55.4 1,291,407 55.8 TOTAL STOCKHOLDERS' EQUITY 2,226,581 96.5 2,252,293 96.5 2,255,574 97.4 **Total Non-current Liabilities** 60,165 61,846 2.6 2.7 39,787 1.7 (Total Borrowings) **Total Current Liabilities** 21,245 0.9 19,585 0.8 19,335 0.8 (Trade and other Payables) 0.6 0.6 0.7 14,420 14,128 15,741 (Total Borrowings) 308 0.0

X Ratio represents the component ratio to total assets.

Debt Structure (IFRS)

TOTAL LIABILITES

Accounting Item	2018.12.31		2019.12.31		2020.12.31	
Accounting item	Amount	Ratio	Amount	Ratio	Amount	Ratio
TOTAL BORROWINGS CURRENT	-	-	-	-	308	0.0
Short-term borrowings	-	-	-	-	-	-
Current portion of long-term liabilities	-	-	-	-	308	0.0
Total Short-term Bond	-	-	-	-	-	
TOTAL BORROWINGS NON-CURRENT	-	-	-	-	-	
(Total Bonds)	-	-	-	-	-	
(Long-term Borrowings)	-	-	-	-	-	
TOTAL BORROWINGS	-	-	-	-	308	0.0
Financing Lease Liabilities	-	-	-	-	6,752	0.3
TOTAL BORROWINGS (Including Financing Lease Liabilities)	-	-	-	-	7,060	0.3

3.5

81,431

3.5

81,410

(Unit : million KRW, %)

_

_

2.6

(Unit : million KRW, %)

59,122

Income Statement (IFRS, Non-Consolidated)

(Unit : million KRW, %)

A	2018.	12.31	2019.12.31		2020.12.31	
Accounting Item	Amount	Ratio	Amount	Ratio	Amount	Ratio
REVENUE (NET)	74,874	100.0	82,651	100.0	64,145	100.0
Cost of Sales	-	-	-	-	-	-
GROSS PROFIT	74,874	100.0	82,651	100.0	64,145	100.0
Selling & General Admin. Expenses	20,591	27.5	24,327	29.4	25,369	39.5
(Depreciation)	1,551	2.1	1,527	1.8	1,966	3.1
(Bad Debt Expenses)	-	-	-	-	800	1.2
(Personnel Expenses)	5,824	7.8	8,410	10.2	10,688	16.7
OPERATING INCOME(Loss)	54,283	72.5	58,324	70.6	38,776	60.5
Non-operating Income	8,634	11.5	9,750	11.8	7,668	12.0
(Finance Income)	4,804	6.4	4,586	5.5	3,818	6.0
Non-operating Expenses	2,549	3.4	3,204	3.9	31,149	48.6
(Finance Expenses)	-	-	-	-	157	0.2
Ongoing Business Income(Loss) Before Income Tax Expenses	60,368	80.6	64,869	78.5	15,296	23.8
Income Taxes Expenses for Ongoing Business Income(Loss)	11,180	14.9	11,673	14.1	-19,825	-30.9
NET INCOME	49,188	65.7	53,196	64.4	35,120	54.8

 $\ensuremath{\overset{\scriptstyle \leftrightarrow}{\times}}$ Ratio represents the component ratio to Sales amount

Cash Flow Analysis (IFRS, Non-Consolidated)

2018.12.31 2019.12.31 2020.12.31 Accounting Item Ratio Amount Amount Ratio Amount Ratio NET INCOME 49,188 0.0 53,196 0.0 35,120 0.0 ADJUSTED NET INCOME 50,647 0.0 54,722 0.0 36,935 0.0 -7,621 0.0 -2,053 (Net Inc. in A/R) 0.0 732 0.0 (Net Inc. in Inventories) _ (Net Inc. in Trade Account Payable) _ Net Cash from Operations 57,809 0.0 57,121 0.0 36,311 0.0 Net Cash from Non-operation -2,155 0.0 -80,099 0.0 -70,490 0.0 Capital Short & Over 55,654 0.0 -22,978 0.0 -34,179 0.0 Net Cash from Financing 308 0.0 (Capital Increase with Consideration) _ (Net Inc. in LT Borrowings) 308 0.0 (Net Inc. in Bonds) _ (Net Inc. in ST Borrowings) _ Net Inc. In Cash & Cash Equivalents 55,654 0.0 -22,978 0.0 -33,870 0.0 Cash at the Beginning of the Period 4,959 0.0 60,613 0.0 37,635 0.0 0.0 0.0 Cash at the End of the Period 60,613 37,635 3,765 0.0

times Ratio represents the component ratio to Sales amount

(Unit : million KRW, %)

09. Negative Credit Information

Negative Credit Information Summary

Negative Credit	Information Summary	(Unit : thousand KRW)		
	10+ days overdue payments	Negative Credit Records (Financial Institutions)	Negative Credit Records (Non-Financial Institutions)	
Counts	0	0	0	
Amounts	0	0	0	

10+ days Overdue Payments

Date	Туре	Default Amount	Name of Bank
-	-	-	-
-	-	-	-
-	-	-	-
	-	-	-
	-	-	-

X The records will be displayed when overdue payments occur over 10 days from Financial Institutions. Displays up to 5 cases.

Negative Credit Records (Financial Institutions)

	Regulation Type	Reporting Date	Released Date	Total Debt Amount	Default Amount	Name of Institution		
	-	-	-	-	-	-		
_	-	-	-	-	-	-		
_	-	-	-	-	-	-		
_	-	-	-	-	-	-		
_	-	-	-	-	-	-		

X This indicates delinquency records of when liabilities for financial institution got overdue for more than 3 months, subrogation/extreme urgency records of when debt payment of a company was made by guarantor such as insurance company, and the records of bankruptcy filed. Displays up to 5 cases.

Negative Credit Records (Non-Financial Institutions)

(Unit : thousand KRW)

Regulation Type	Reporting Date	Default Amount	Name of Institution
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

X This indicates the records, provided from Credit Agencies, including default arising from business-to-business transaction (non-payment of trade payables, overdue rental fees and etc.). Displays up to 5 cases.

(Unit : thousand KRW)

(Unit : thousand KRW)

10. Litigations

Litigation Summary

(Unit : thousand KRW)

			No. of Records	Amount of Litigation	Amount of Litigation to Total Assets (%)	Amount of Litigation to Net Sales (%)
	Ongoing Case		-	-	-	-
Defendant	Closed	Lost	-	-	-	-
		Partially Lost	-	-	-	-
		Won	-	-	-	-
		Others	-	-	-	-
-	Total		-	-	-	-
	Ongoing Case		-	-	-	-
Plaintiff	Closed	Lost	-	-	-	-
		Partially Lost	-	-	-	-
		Won	-	-	-	-
		Others	-	-	-	-
Total		-	-	-	-	

times Please note that 1) if it has been over 5 years (as of the report delivery date) since the closed cases' judgment date and

2) if lawsuits were newly filed from 2017 on, they cannot be provided in our report. However, the ongoing cases can be tracked until now.

11. Rating Definitions

Definition of Credit Rating

The corporate credit rating is an index that indicates the level of risk focused on the ability of debt repayment and financial stability. It also provides reliable data that will help you evaluate the company's credit by considering not only major financial information but also non-financial information such as company overview and business's risk status.

Credit Status	Credit Rating	Definition	
Excellent	AAA	AAA is the extreme credit capability for commercial transactions and retains an excellent dealing ability with the changes of macro and micro economic condition.	
	AA	AA is the excellent credit capability for commercial transactions and retains and appropriate dealing ability with the changes of macro and micro economic condition.	
	А	A is good credit capability for commercial transactions and retains a limited dealing ability with the changes of macro and micro economic condition.	
Good	BBB	BBB is good credit capability for commercial transactions but lowly exposed on possible credit risk in changes of macro and micro economic condition.	
Average	BB	BB is the average credit capability for commercial transactions and normally exposed on possible credit risk in changes of macro and micro economic condition.	
	В	B is the average credit capability for commercial transactions and highly exposed on possible credit risk in changes of macro and micro economic condition.	
Unsatisfactory	CCC	CCC is under the average credit capability for commercial transactions and needs caution for the deterioration of the transaction stability.	
	СС	CC is poor credit capability for commercial transactions and the stability of the transactions is low.	
	С	C is the worst credit capability for commercial transactions and needs and extreme caution for the deterioration of the transaction stability.	
Poor	D	Capacity of payment is in arrears or bankruptcy.	
Except	R	Reservation for credit rating from financial statements with less than one year or a sudden change of management (M&A, change of category of business.etc)	

Definition of "Watch" Rating

"Watch" is a tool that indicates credit changes of a corporation in a timely manner and has the strength in monitoring the credit changes perpetually instead of periodically.

Watch Rating	Definition	
Normal	No indication of credit status changes has been observed. Credit Status is "normal".	
Reservation	The indication of credit status changes has been observed, but expect no or minimum effect on credit status.	
Monitoring	The indication of credit status changes has been observed. Additional analysis on its effects to company's profitability and other impacts is recommended.	
Caution	The indication of poor credit has been observed, and/or expect uncertainties to adverse business, financial and economic condition. Caution recommended.	
Warning	Record of payment delinquency and/or other credit problems has been observed. Susceptible to adverse business, financial and economic conditions. Caution required.	
Danger	Over 3 months payment delinquency records and/or major credit problems has been observed. Highly susceptible to adverse business, financial and economic conditions. Extreme caution required.	
High Default Risk	On-going default accounts, over 3 months payment delinquency records and/or major credit problems has already been filed.	
Out of business	Out of business, merged and liquidation.	
Bankruptcy	Bankruptcy has been filed or similar action also has taken.	

Definition of CF(Cash Flow) Rating

The cash flow is the direct way to evaluate liquidation of the corporations and indicates the level of solvency as cash flow sound.

Cash Flow Rating	Definition	Cash Flow Rating	Definition
	The ability of generating cash flow is excellent, and possessing the highest level of cash payment capability.	(.+4	The ability of generating cash flow is average. Financial performance and investment activities may be deteriorated if the performance of business activities deteriorates in the future.
CF2(Good)	The ability of generating cash flow is good, and possessing the high level of cash payment ability in general.	CF5(Risk)	The ability of generating cash flow is below average. There is a high possibility that the ability to pay cash on borrowings and capital investment activities will deteriorate if the current situation persists.
CF3 (Normal)	The ability of generating cash flow is decent. In case of macroeconomic and industrial environment deterioration, the ability to pay cash may be lowered in the future.	(Fh	The ability of generating cash flow is overall weak, and the ability to pay back borrowings and investment activities is insufficient. Continuous Improvement of cash flow is required.