

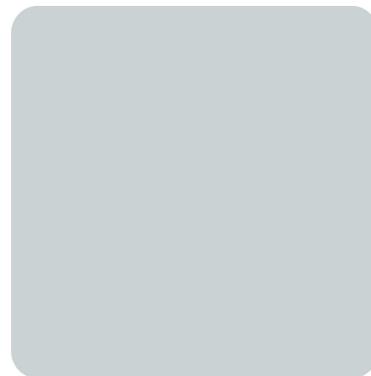
DNA
PLUS

회사명 () (Jusung Engineering Co.,Ltd.)

사업자번호 124-81-29001

대표자

작성일 2023 04 27



유의사항

가
[] , () ,
가 () (:02-2101-9100) 가 () 가 www.ecredible.co.kr

() (Jusung Engineering Co.,Ltd.)			A-
124-81-29001		130111-0033281	
(12773)	240		
031-760-7000			
1995 04 13			
2022 12 31			B
		2023 04 27	
2023 04 27 ~2024 04 26			

	가			가			Watch
	가			가			
2022/12/31	2023/04/27	A-	B	-	-	-	2023 04 23
2021/12/31	2022/04/25	BBB+	B	2022/10/17	BBB+	B	
2020/12/31	2021/03/24	BB	C-	2021/11/15	BB+	C-	

			(%)	(%)
	513	SK	() 27	24.6
		LG	11	2.2
		()	1	1.8
	24,125	SK	0	0.3
	KEB		0	2.4

						(:)
2022/12/31	832,359	348,810	483,548	437,759	124,367	106,673
2021/12/31	711,112	343,001	368,111	377,019	102,031	144,925
2020/12/31	548,954	322,295	226,658	118,525	-25,677	-5,758
						(:%)
2022/12/31	16.1	28.4	24.4	226.4	72.1	5.4
2021/12/31	218.1	27.1	38.4	168.6	93.2	12.0
2020/12/31	-53.4	-21.7	-4.9	85.4	142.2	21.3



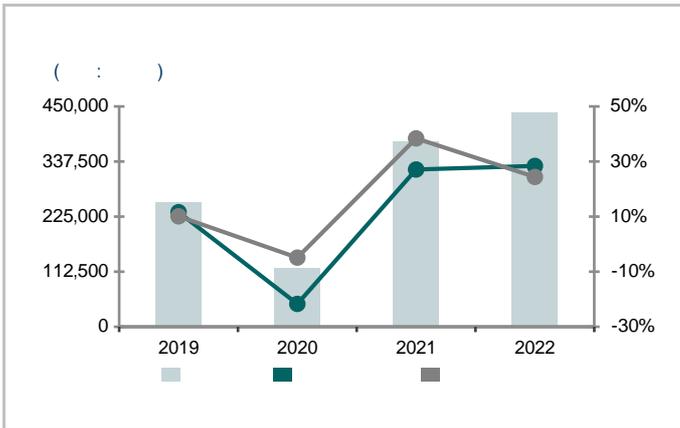
	()			(%)			(%)		
	2020	2021	2022	2020	2021	2022	2020	2021	2022
	128,532	228,686	288,912	23.4	32.2	34.7	25.8	77.9	26.3
	73,408	170,380	190,058	13.4	24.0	22.8	46.3	132.1	11.5
	55,124	58,305	98,854	10.0	8.2	11.9	6.1	5.8	69.5
	420,421	482,425	543,446	76.6	67.8	65.3	23.9	14.7	12.6
	170,864	232,659	238,567	31.1	32.7	28.7	61.9	36.2	2.5
	233,287	242,099	289,448	42.5	34.0	34.8	8.6	3.8	19.6
	5,393	5,416	6,222	1.0	0.8	0.7	21.1	0.4	14.9
	10,876	2,250	9,207	2.0	0.3	1.1	-25.0	-79.3	309.2
	548,954	711,112	832,359	100.0	100.0	100.0	24.3	29.5	17.1
	150,495	135,603	127,632	27.4	19.1	15.3	23.6	-9.9	-5.9
	171,800	207,397	221,177	31.3	29.2	26.6	114.3	20.7	6.6
	322,295	343,001	348,810	58.7	48.2	41.9	59.6	6.4	1.7
	24,124	24,124	24,124	4.4	3.4	2.9	0.0	0.0	0.0
	109,008	109,008	109,008	19.9	15.3	13.1	0.0	0.0	0.0
	0	0	-7,499	0.0	0.0	-0.9	-	-	-
	23,527	21,749	47,746	4.3	3.1	5.7	-10.3	-7.6	119.5
	69,998	213,229	310,168	12.8	30.0	37.3	-12.7	204.6	45.5
	226,658	368,111	483,548	41.3	51.8	58.1	-5.4	62.4	31.4
	548,954	711,112	832,359	100.0	100.0	100.0	24.3	29.5	17.1



	()			(%)			(%)		
	2020	2021	2022	2020	2021	2022	2020	2021	2022
	118,525	377,019	437,759	100.0	100.0	100.0	-53.4	218.1	16.1
가	67,173	183,468	190,089	56.7	48.7	43.4	-54.1	173.1	3.6
	38,758	95,931	122,891	32.7	25.4	28.1	-52.6	147.5	28.1
	7,988	13,170	16,982	6.7	3.5	3.9	19.8	64.9	28.9
	0	0	0	0.0	0.0	0.0	-	-	-
	31,156	60,142	82,217	26.3	16.0	18.8	44.3	93.0	36.7
	51,352	193,551	247,669	43.3	51.3	56.6	-52.5	276.9	28.0
	77,030	91,520	123,301	65.0	24.3	28.2	-1.8	18.8	34.7
	-25,677	102,031	124,367	-21.7	27.1	28.4			21.9
	42,808	80,703	23,300	36.1	21.4	5.3	565.9	88.5	-71.1
	18,826	9,077	12,107	15.9	2.4	2.8	154.7	-51.8	33.4
	-1,696	173,658	135,561	-1.4	46.1	31.0			-21.9
	0	0	0	0.0	0.0	0.0	-	-	-
	-5,758	144,925	106,673	-4.9	38.4	24.4			-26.4

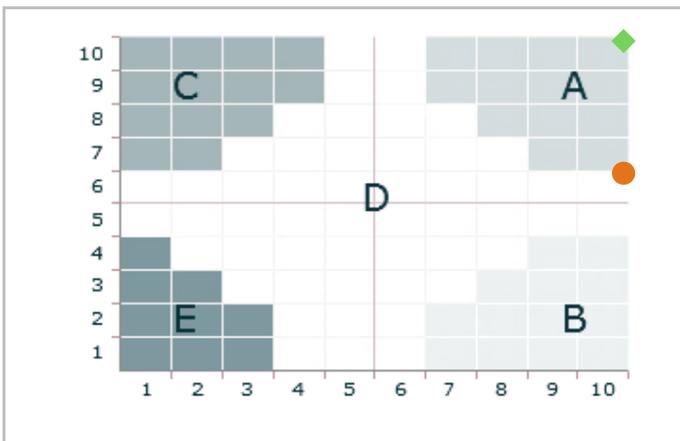


() 1995 4	, 2014 7	24,125	, 2001 7
832,359	483,548		2022 12



(: ,%)

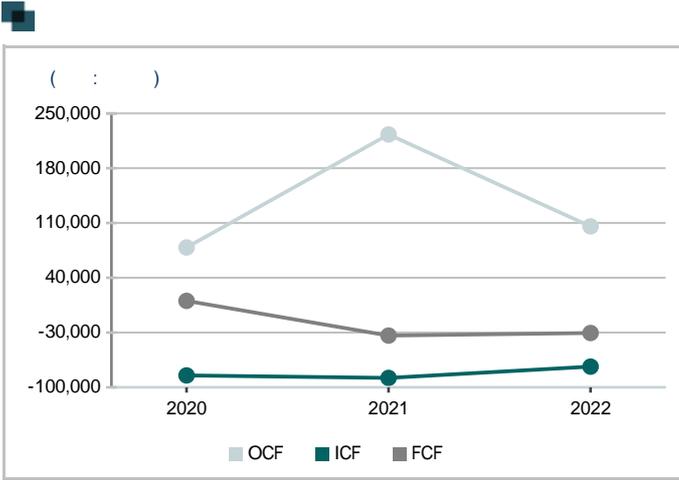
	2019	2020	2021	2022
	254,491	118,525	377,019	437,759
	-3.1	-53.4	218.1	16.1
	29,575	-25,677	102,031	124,367
	11.6	-21.7	27.1	28.4
	25,746	-5,758	144,925	106,673
	10.1	-4.9	38.4	24.4



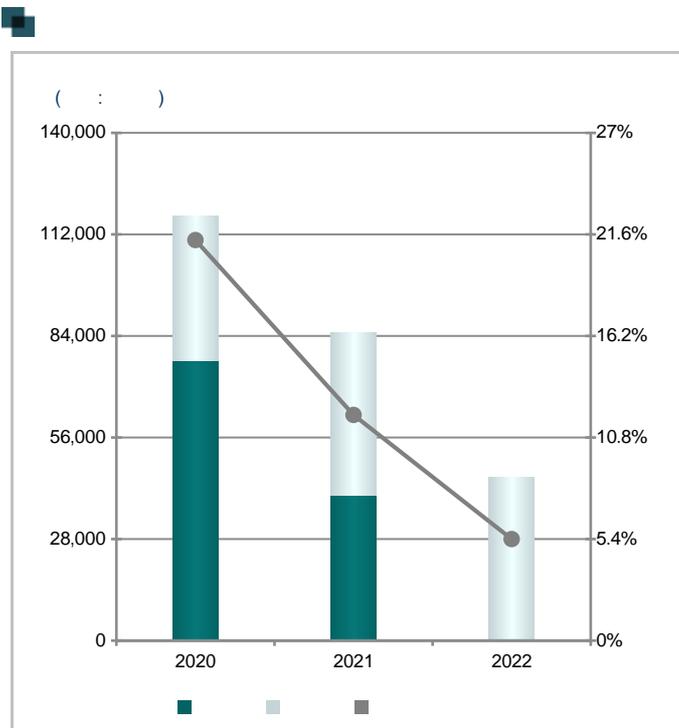
	2021	2022
	A	D
	10%	40%~50%
	10%	10%

(17,000) () 가

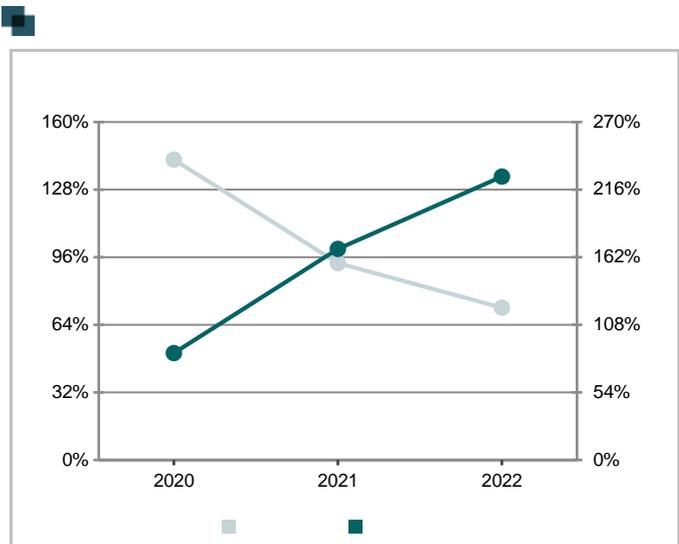
Type	()	가
A Type	()	가
B Type	()	,
C Type	()	
D Type	()	
E Type	()	



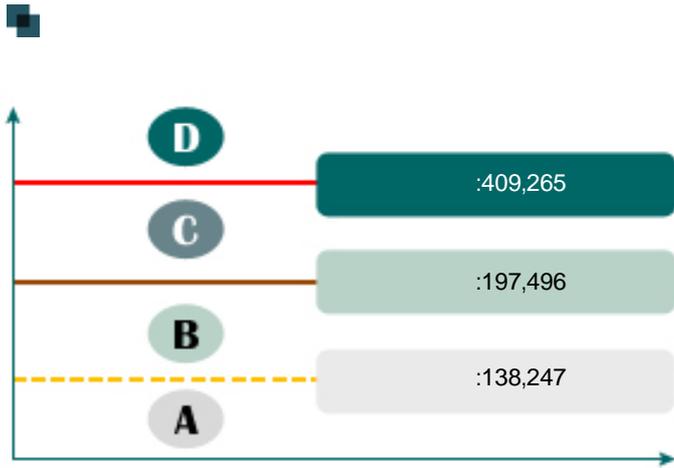
	2020	2021	2022
OCF: Ordinary Cash Flow	78,714	223,071	105,647
ICF: Investing Cash Flow	-84,785	-87,973	-73,544
FCF: Financing Cash Flow	10,484	-33,877	-30,591
	C-	B	B



	2020	2021	2022
	117,182	85,000	45,000
	20,000	0	0
	0	0	0
	57,182	40,000	0
	77,182	40,000	0
	0	0	0
	0	0	0
	40,000	45,000	45,000
	40,000	45,000	45,000
(%)	21.3	12.0	5.4



	2020	2021	2022
(%)	85.4	168.6	226.4
ECR (%)	253.1	258.9	258.9
(%)	142.2	93.2	72.1
ECR (%)	153.1	144.0	144.0
EBITDA (₩)	-1.8	23.0	41.4
ECR (₩)	12.8	13.5	13.5



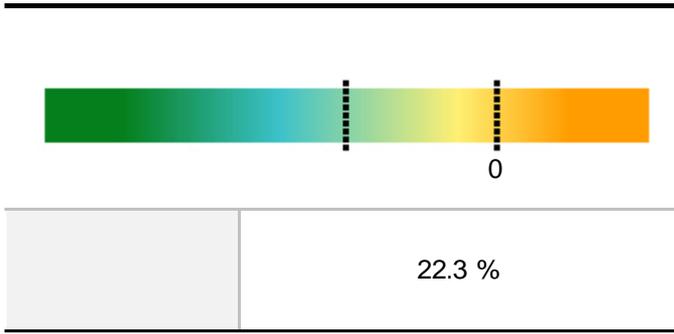
		2022	
		A	
	()		
	409,265		364,265
	197,496		152,496
	138,247		93,247
	45,000		

- 1) : (,)
- 2) :
- 3) : , (60%~70%)
- 4) :

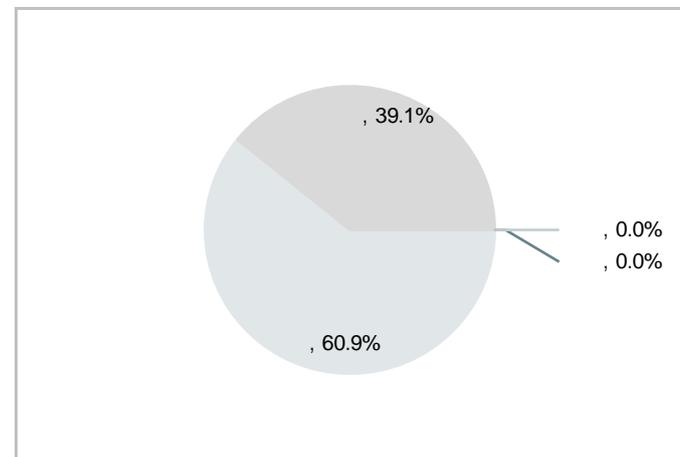
A Type			가
B Type		가	가
C Type			가
D Type			가

가

가	가 2022	16.1%	가 437,759	가
	24.4%		28.4%	
	72.1%		5.4%	
	19%가			
(2023 04 24)	45,000	(45,000)

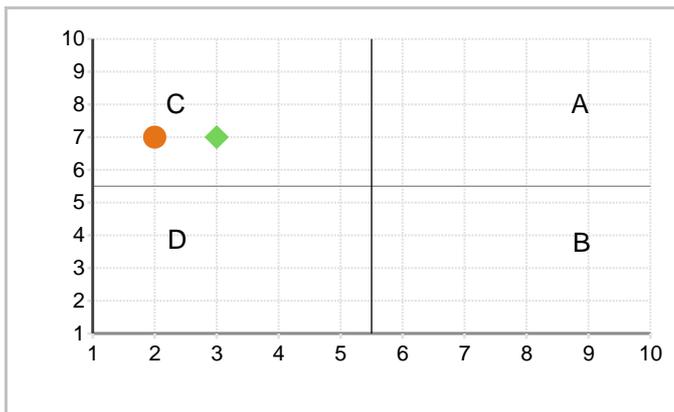


가	[0 ~ 10%]
가	가 가



		()	(%)
	11	218,652	39.1
	6	340,659	60.9
	3	27	0.0
	5	221	0.0
	25	559,559	100.0

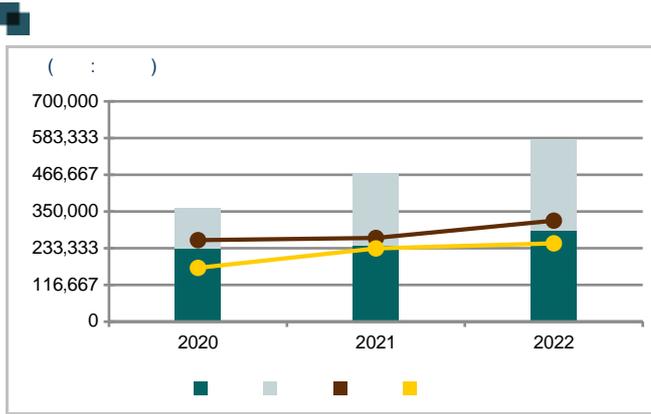
* : AAA~A : BBB~BB : B : CCC



	2021	2022
	C	C

가	10
가	가

A Type	, 가
B Type	, 가
C Type	, 가
D Type	가, 가



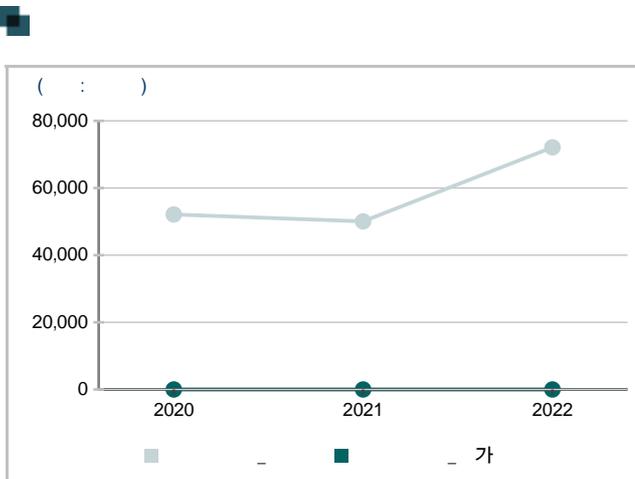
	2020	2021	2022
()	548,954	711,112	832,359
(%)	24.3	29.5	17.1
()	128,532	228,686	288,912
(%)	25.8	77.9	26.3
()	233,287	242,099	289,448
(%)	8.6	3.8	19.6

(:)

	2020	2021	2022
	76,700	71,444	106,466
	96,817	90,216	109,823
	49,313	46,094	58,942
	36,190	58,220	45,622
	259,020	265,974	320,853

(:)

	2020	2021	2022
	0	82	390
가	0	0	0
	10,902	7,192	16,282
	159,961	225,384	232,170
	170,863	232,658	248,842



(:)

	2020	2021	2022
	0	0	0
	0	0	0
	52,116	50,058	72,108
	52,116	50,058	72,108
가	0	0	0
	52,116	50,058	72,108
(%)	-3.6	-3.9	44.0

	2022	ECR				
가 (%)	41.6	34.0				
(%)	63.1	90.2				
(%)	23.6	49.0				
(%)	0.6	1.7				



(2023 04 27)

()			
(12773)	240		
031-760-7000			031-799-1670
(12773)	240		
031-760-7000			031-799-1670
()	1995 04 13		KEB
	124-81-29001		130111-0033281
()			
	www.jseng.com	e-mail	jw.kim@jusung.com
	(C29270)		
()			
	513 [(130) / (323) / (60)]		
		가	

(2023 04 17)

	240		
031-760-7000			031-799-1670
가 (O) () () ()			() 0 / 0
() () () (O)			

	가		
100%	0%	100%	0%

- : 가 - :
 - 가 : 가 - :

(2023 04 17 , :)

		가	
	0	58,943	
	0	4,229	



1995/04		()
2001/07		240
2011/05	" 300 "	
2012/11		SDP CVD
2014/05	NXP	(30)
2014/07		24,125
2017/01		25
2020/02	R&D	
2021/01		22 1 (3 1)
2021/09		470
2022/03		TOP 100 中 1
2022/10	14	



			(: , :)
()			
			(: , :)
()			
			(: , :)
()			



1 :

			591202
	031-760-****		
	1995 04 01		2011
	28 0		1985 02
			()
2021/01~			
2019/01~			
2018/01~	가		
2015/01~			
1995/04~	()		()

(2023 04 17)

		591202			' 가 , '
					()
				가	KAIST, ()
					()

(2023 04 17)

가()	()	
500	48249	24,124

(: , %)

		5,942	24.6
		524	2.2
		428	1.8
		83	0.3
	가 .	574	2.4
MORGAN STANLEY & CO		536	2.2
()		516	2.1
		15,517	64.3
		24,124	100.00

()		()
		0
		0
		0
	437,759	
	437,759	(2022 12 31)

()		(2022 01 01 ~ 2022 12 31)	
		(%)	()
()	121-81-35936	7	22,007
()	214-81-89369	6	18,488
()	124-87-54050	5	17,068
	121-83-00561	5	16,789
()	129-81-23638	3	11,160
()	129-86-45355	2	7,831
()	586-88-00609	2	7,629
()	129-81-15730	2	6,572
	601-83-00048	2	6,325
()	125-81-19772	2	6,057

SK ()		(2022 01 01 ~ 2022 12 31)	
		(%)	()
SK ()	126-81-03725	27	153,038
LG	120-81-55297	11	59,441
()	220-88-43431	1	5,898
SK	660-81-00626		199
	119-03-88524		120
()	140-81-25690		79
	126-80-20498		70
()	226-81-43240		45
		61	338,805
			1,727

[2023 04 27 08:38

(2023 04 27)

	KEB			

(: , %)

	2023-04-24		2023-03-31		2022-12-31		2022-09-30		2022-06-30		2022-03-31	
	가		가		가		가		가		가	
	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	45,000	100.0	45,000,000	100.0	0	0.0	0	0.0	0	0.0	0	0.0
	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
가	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	45,000	100.0	45,000,000	100.0	0	0.0	0	0.0	0	0.0	0	0.0
	41,072	47.7	41,072	0.1	40,634	100.0	20,240	100.0	19,645	100.0	19,371	100.0
	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	86,072	100.0	45,041,072	100.0	40,634	100.0	20,240	100.0	19,645	100.0	19,371	100.0

(:)

	2023-04-24						2022-12-31					
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	45,000	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	45,000	0	0	0	0	0	0	0	0	0	0



	2023-04-24		2022-12-31	
	가 ()	(%)	가 ()	(%)
	0	0.0	0	0.0
가()	0	0.0	0	0.0
	0	0.0	0	0.0
	0	0.0	0	0.0
	0	0.0	0	0.0
	0	0.0	0	0.0
	0	0.0	0	0.0
	0	0.0	0	0.0
/	0	0.0	0	0.0
가	0	0.0	0	0.0
	0	0.0	0	0.0
	0	0.0	0	0.0
	0	0.0	0	0.0
	0	0.0	0	0.0
	0	0.0	0	0.0



(2022 12 31)

	1	2	2	()
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0
가	0	0	0	0
	0	0	0	0
	0	0	0	0

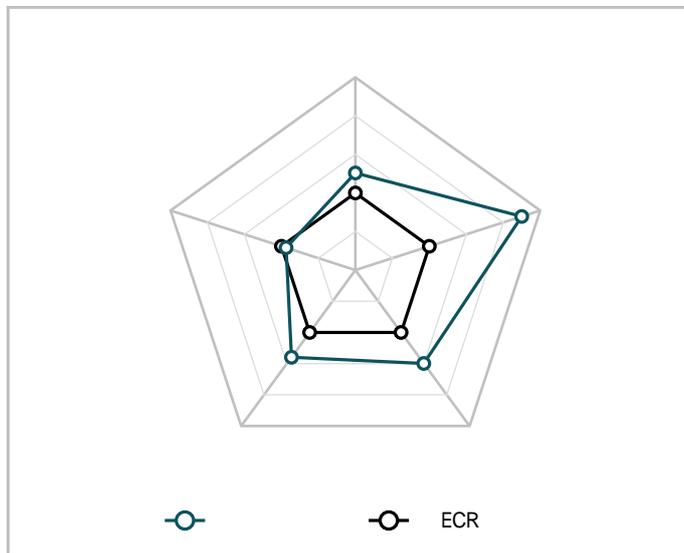




		2022		ECR				
	가 (%)	16.1	19.5	10.6				
	(%)	24.4	5.9	4.0				
	(%)	13.8	5.2	5.3				
	(%)	72.1	109.0	144.0				
	(%)	5.4	29.7	29.3				
	()	15.8	5.7	8.8				
	()	30.8	10.0	19.0				
	(%)	226.4	154.0	258.9				
	(%)	148.9	111.8	213.1				

가

()



가

ECR



가

ECR

가 ECR 가
(, ,)
BBB

BBB

(:)

	20/12/31	21/12/31	22/12/31		20/12/31	21/12/31	22/12/31
	CPA -	CPA -	CPA -		CPA -	CPA -	CPA -
1.	128,532	228,686	288,912	1.	150,495	135,603	127,632
1)	73,408	170,380	190,058		22,862	16,450	11,998
	17,577	118,799	120,311		20,000	0	0
	0	0	0		11,886	22,685	25,661
	0	0	10,037		1,063	1,272	1,606
	25,733	23,875	31,405		32,021	41,617	68,818
	0	0	0		0	0	0
가	0	0	240		14	0	27
	6,186	26,965	23,644		0	4,977	11,077
	17	17	18	가	0	0	0
	885	187	3,914		57,182	40,000	0
가/	444	535	485		0	0	0
	22,563	0	0		0	0	0
2)	55,124	58,305	98,854		3,366	3,617	3,617
	1,177	3,174	4,576		1,948	4,205	4,029
/	0	0	0		149	776	796
/	0	0	0	2.	171,800	207,397	221,177
	42,801	40,955	83,186		0	0	0
	0	0	0		0	0	0
/	11,145	14,175	11,091		40,000	45,000	45,000
	0	0	0		0	0	0
2.	420,421	482,425	543,446		0	0	0
1)	170,864	232,659	238,567		67,560	80,322	82,925
	0	0	0		545	961	313
	10,902	7,192	6,245		0	11,859	24,342
	0	82	150		63,694	69,253	68,596
	159,961	225,384	232,170		322,295	343,001	348,810
	0	0	0	1.	24,124	24,124	24,124
2)	233,287	242,099	289,448	2.	109,008	109,008	109,008
	76,700	71,444	106,466		109,008	109,008	109,008
	96,817	90,216	109,823		0	0	0
	272	201	1,805	가	0	0	0
	49,313	46,094	58,942		0	0	0
	0	0	0	3.	0	0	-7,499
	0	0	0		0	0	0
	238	165	266		0	0	-7,499
	1,634	21,365	1,128		0	0	0
	8,309	12,609	11,013	4.	23,527	21,749	47,746
3)	5,393	5,416	6,222	(+/-)	0	0	0
	0	0	0	가 (+/-)	-2,809	-4,588	-5,233
	0	0	0		26,337	26,337	52,980
	5,392	5,416	6,222	5.	69,998	213,229	310,168
4)	10,876	2,250	9,207		1,302	1,302	2,050
	555	508	740		0	0	0
	8,675	0	0		68,695	211,926	308,117
	0	0	0	()	-5,758	144,925	106,673
	1,645	1,741	8,466		226,658	368,111	483,548
	548,954	711,112	832,359		548,954	711,112	832,359

	20/01/01	21/01/01	22/01/01		20/01/01	21/01/01	22/01/01
	20/12/31	21/12/31	22/12/31		20/12/31	21/12/31	22/12/31
1.	118,525	377,019	437,759		0	0	0
	19,867	28,265	40,781	가	0	84	0
	80,227	325,988	367,116		1,404	1,423	6,402
	0	0	0		292	1,783	0
	0	0	0	가	0	0	0
	18,429	22,766	29,860	가	0	0	0
2. 가	67,173	183,468	190,089		0	0	0
가	8,869	12,767	12,764		1,153	419	17
가	52,076	160,313	166,118		0	0	0
가	0	0	0		0	0	0
가	0	0	0		0	0	0
가	6,227	10,386	11,206		0	0	0
3.	51,352	193,551	247,669		0	0	0
4.	77,030	91,520	123,301		0	0	0
	6,974	10,980	13,500		32,678	69,433	7,475
	712	613	649	7.	18,826	9,077	12,107
	1,065	1,130	1,532		4,439	5,207	3,521
	-57	38	75		4	1	0
	450	561	910		0	0	0
가	3,800	4,215	4,115	가	58	0	43
	65	100	116	가	0	0	0
	85	57	72		1,540	2,690	3,531
	1,921	1,721	1,965		625	0	3,441
	324	320	603		107	26	1,063
	0	0	0	가	0	0	0
	52,116	50,058	72,108	가	0	0	0
	3,644	4,217	4,870		0	0	0
	0	0	0		489	425	476
	1,529	1,129	1,349		0	0	0
	8,279	14,568	15,049		0	0	0
	105	99	123		0	0	0
	173	323	723		0	0	0
	16	16	21		0	0	0
	135	129	310		11,561	726	30
	243	257	681	8.	-1,696	173,658	135,561
	62	23	23	9.	4,062	28,732	28,887
	116	72	11	10.	-5,758	144,925	106,673
	-4,738	883	4,486	11.	0	0	0
5.	-25,677	102,031	124,367	()	0	0	0
6.	42,808	80,703	23,300	12.	-5,758	144,925	106,673
	155	232	905	13.	-	-	-
	102	0	0	(:)	0	0	0
	7,021	7,327	8,499	(:)	0	0	0

가 (:)

	20/01/01	21/01/01	22/01/01		20/01/01	21/01/01	22/01/01
	20/12/31	21/12/31	22/12/31		20/12/31	21/12/31	22/12/31
1.	38,758	95,931	122,891		191	498	670
2.	7,988	13,170	16,982		160	433	836
3.	0	0	0		0	0	0
4.	31,156	60,142	82,217		0	0	0
	0	0	0	()	2	20	17
가	1,520	1,405	1,433		15,528	41,495	55,447
/	216	452	556		0	0	0
	326	374	450	,	0	8	2
가	2,647	1,296	3,162		0	0	0
	6,870	4,891	6,392		0	0	0
	4	32	49		0	0	0
	37	168	218		0	0	0
/	208	613	525		0	0	0
	843	877	1,232		1,536	6,264	9,548
	1,039	1,282	1,654	5. ()	77,903	169,244	222,090
	22	23	20	6. ()	59,082	47,907	42,989
	0	0	0	7. ()	47,907	42,989	91,257
가 /	0	0	0	8.	24,226	5,856	3,094
/	0	0	0	9. () 가	64,852	168,306	170,727

/ (:)

		20/12/31	21/12/31	22/12/31
		21/03/31	22/03/31	23/03/31
1.		68,695	211,926	308,117
1)		74,453	67,001	201,444
		75,510	68,695	203,699
		0	0	0
		0	0	0
		0	0	0
		-1,057	-1,694	-2,255
2)		-5,758	144,925	106,673
2.		0	0	0
		68,695	211,926	308,117
3.		0	8,226	10,167
		0	747	924
		0	0	0
		0	0	0
		0	0	0
		0	7,478	9,243
		0	0	0
		0	0	0
4.		68,695	203,699	297,949

	21/12/31	22/12/31
	377,019	437,759
(-) (+)	-2,359	-12,400
(+) (-)	9,595	27,201
가	-183,468	-190,089
(-) (+)	-3,181	-40,548
(+) (-)	-6,412	-4,451
(-)	697	-3,726
가 (가)(+)	1,296	3,162
	193,188	216,904
(-)	-91,520	-123,301
(-) (+)	-90	50
(+) (-)	208	334
(+)	9,147	9,751
	110,933	103,739
(+)	232	905
(-)	-3,219	-10,305
(±)	-211	-1,269
	107,734	93,070
(-)	-5,207	-3,521
	102,527	89,548
	22,562	-1
	21,457	1,788
	76,524	14,311
	223,071	105,647
(-) (+)	0	0
(-) (+)	84	-10,081
(-) (+)	0	-240
(-) (+)	-9,979	6,296
(-) (+)	-63,574	-6,552
(-) (+)	-14,330	-55,085
(-) (+)	-123	-922
(-) (+)	-49	-6,957
	135,098	32,103
(-)	-57,182	-40,000
(+) (-)	-20,000	0
(+) (-)	45,000	0
(+) (-)	5,784	18,652
(-)	-7,478	-9,243
	101,221	1,512
가 가 (-)	101,221	1,512
	145.8	176.4
	468.0	99,999.9

AAA	AAA		0.01%	
AA	AA+	, AAA	가	
	AA			0.05%
	AA-			
A	A+	,	0.5%	
	A			
	A-			
BBB	BBB+	,	가	
	BBB			12%
	BBB-			
BB	BB+	,	가	
	BB			40%
	BB-			
B	B+	,	가	
	B			83%
	B-			
CCC	CCC+	,	가	
	CCC			92%
	CCC-			
CC	CC	가	94%	
C	C	가	98%	
D	D		100%	
NCR	NCR	/	가	

A (CR-1)	
B (CR-2)	
C+(CR-3)	가
C-(CR-4)	가
D (CR-5)	
E (CR-6)	
NF()	
NR()	3

WATCH

	, 가
	가
	가 (,)
	가 (,)
/	/ 가
	가
	()