



China Southern Glass (Australia) P/L

Suite 2, Level 2, 186-190 Church St, Parramatta, NSW2150, Australia

PERFORMANCE DATA OF GLASS PRODUCTS

Table 1. Monolithic Float Glass

NO.	Glass Makeup	Visible Light(%)			Solar Energy(%)		U-value(W/m2.K)		SC	SHGC
		Trans	Reflect		Trans	Reflect	Winter	Summer		
			Outdoor	Indoor						
1	3mm Clear	91	8	9	88	8	5.92	5.34	1.03	0.90
2	4mm Clear	90	9	8	87	8	5.88	5.30	1.02	0.89
3	5mm Clear	90	8	8	85	8	5.85	5.27	1.01	0.88
4	6mm Clear	90	8	8	84	8	5.81	5.25	0.99	0.86
5	8mm Clear	89	8	8	82	8	5.75	5.19	0.97	0.84
6	10mm Clear	89	8	8	80	7	5.67	5.13	0.96	0.84
7	12mm Clear	88	8	8	77	7	5.61	5.08	0.94	0.82
8	15mm Clear	87	8	8	75	7	5.51	4.99	0.93	0.81
9	19mm Clear	86	8	8	72	7	5.39	4.89	0.90	0.78
10	3mm Fgreen	82	8	8	61	6	5.92	5.33	0.81	0.70
11	4mm Fgreen	80	7	7	54	6	5.88	5.31	0.77	0.67
12	5mm Fgreen	77	7	7	48	6	5.84	5.27	0.72	0.63
13	6mm Fgreen	75	7	7	44	5	5.81	5.25	0.69	0.60
14	8mm Fgreen	70	7	7	36	5	5.74	5.19	0.63	0.55
15	10mm Fgreen	65	6	6	30	5	5.68	5.13	0.59	0.51
16	5mm Grey	49	5	5	47	5	5.84	5.27	0.71	0.62
17	6mm Grey	44	5	5	43	5	5.82	5.25	0.68	0.59
18	8mm Grey	34	5	5	33	5	5.75	5.19	0.61	0.53
19	5mm K- Dark blue	61	6	6	52	6	5.83	5.26	0.75	0.65
20	6mm K-Dark blue	57	6	5	47	6	5.80	5.23	0.71	0.62
21	8mm K-Dark blue	48	5	5	38	5	5.73	5.17	0.65	0.57
22	5mm K-light blue	77	7	7	59	6	5.83	5.26	0.80	0.70
23	6mm K-light blue	75	7	7	55	6	5.80	5.23	0.77	0.67
24	8mm K-light blue	70	7	7	47	6	5.73	5.17	0.71	0.62
25	5mm crystal grey	67	7	7	60	6	5.84	5.27	0.81	0.70
26	6mm crystal grey	64	6	7	56	6	5.81	5.25	0.77	0.67
27	8mm crystal grey	56	6	6	47	6	5.74	5.19	0.71	0.61
28	10mm crystal grey	49	6	6	40	5	5.67	5.13	0.65	0.56

Table 2. Low Iron Glass

NO.	Glass Makeup	Visible Light(%)			Solar Energy(%)		U-value(W/m2.K)		SC	SHGC
		Trans	Reflect		Trans	Reflect	Winter	Summer		
			Outdoor	Indoor						
1	4mm low iron	91	8	8	91	8	5.88	5.30	1.05	0.91
2	5mm low iron	91	8	8	90	8	5.84	5.27	1.04	0.90
3	6mm low iron	91	8	8	90	8	5.81	5.25	1.04	0.90
4	8mm low iron	91	8	8	90	8	5.75	5.19	1.04	0.90
5	10mm low iron	91	8	8	89	8	5.67	5.13	1.04	0.90
6	12mm low iron	91	8	8	89	8	5.61	5.07	1.03	0.90
7	15mm low iron	90	8	8	89	8	5.51	4.99	1.03	0.90
8	19mm low iron	90	8	8	87	8	5.39	4.89	1.02	0.89

Table 3. Monolithic Low-e Glass

NO.	Glass Makeup	Visible Light(%)			Solar Energy(%)		U-value(W/m2.K)		SC	SHGC
		Trans	Reflect		Trans	Reflect	Winter	Summer		
			Outdoor	Indoor						
1	5mm Planibel	83	10	11	68	10	3.88	3.07	0.83	0.72
2	6mm Planibel	80	9	9	62	8	3.87	3.06	0.78	0.67
3	8mm Planibel	81	10	11	64	10	3.76	2.95	0.80	0.69
4	5mm Sunergy	69	8	10	52	9	4.19	3.43	0.69	0.60
5	6mm Sunergy	69	9	10	51	9	4.17	3.42	0.68	0.59
6	8mm Sunergy	68	8	10	50	9	4.13	3.39	0.68	0.58



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Table 4. Laminated Glass

NO.	Glass Makeup	Visible Light(%)			Solar Energy(%)		U-value(W/m2.K)		SC	SHGC
		Trans	Reflect		Trans	Reflect	Winter	Summer		
			Outdoor	Indoor						
1	3C/0.38 Clear PVB/3C	90	8	8	81	8	5.75	5.19	0.97	0.84
2	5C/0.38 Clear PVB/5C	88	8	8	76	7	5.62	5.08	0.94	0.81
3	3C/ 0.38 Grey PVB/3C	43	5	5	54	6	5.76	5.20	0.76	0.66
4	5C/0.38 Grey PVB/5C	43	5	5	50	6	5.62	5.08	0.74	0.64
5	3C/0.38 Cool Blue PVB/3C	73	7	7	71	7	5.76	5.20	0.89	0.77
6	5C/0.38 Cool Blue PVB/5C	73	7	7	66	7	5.62	5.08	0.86	0.75
Sunergy Laminated glass										
7	5Clear/0.38 Clear PVB/5Sunergy	67	8	10	46	8	4.03	3.32	0.65	0.56
8	6Clear/0.38 Clear PVB/6Sunergy	67	9	10	45	8	4.03	3.32	0.64	0.55
9	6 Clear/ 1.14 Clear PVB/ 6 Sunergy	67	9	10	46	7	4.05	3.33	0.64	0.55
10	6C/1.52XIR/6Sunergy	55	7	9	27	5	3.93	3.25	0.49	0.42
11	6CNY161/1.14PVB/6Sunergy	45	11	13	30	9	3.96	3.28	0.51	0.44
12	5 Green /0.38 Clear PVB/5Sunergy	57	7	9	29	6	4.06	3.34	0.50	0.43
13	6 Green/0.38 Clear PVB/6Sunergy	56	7	10	26	6	4.03	3.32	0.49	0.42
14	6 Green/ 1.14 Clear PVB/6 Sunergy	56	7	10	27	6	3.96	3.28	0.49	0.42
15	6 Green/ 0.38Blue Green(0377300)PVB/0.76Clear PVB/6 Sunergy	46	6	9	22	5	3.96	3.28	0.45	0.38
16	6CNY261 on Clear/1.14PVB/6Sunergy	37	9	12	17	6	3.96	3.28	0.41	0.35
17	5Grey/0.38 Clear PVB/5Sunergy	36	5	8	26	6	4.06	3.34	0.48	0.41
18	6Grey/0.38 Clear PVB/6Sunergy	33	5	9	23	5	4.03	3.32	0.46	0.39
19	6Grey/1.14PVB/6Sunergy	33	5	9	24	5	3.96	3.28	0.47	0.40
20	6 Grey/ 0.38 Grey(0654400)PVB/0.76Clear PVB/6 Sunergy	16	5	8	14	5	3.96	3.28	0.39	0.33
21	6CNY361 on Grey/1.14PVB/6Sunergy	22	6	12	16	5	3.96	3.28	0.40	0.34
22	5Dark Blue/0.38 Clear PVB/5Sunergy	46	6	9	29	6	4.04	3.33	0.51	0.43
23	6Dark Blue/0.38 Clear PVB/6Sunergy	42	6	9	26	6	4.02	3.32	0.49	0.41
24	6 Dark blue/ 0.38 Cool blue(6376)PVB/0.76Clear PVB/6 Sunergy	35	6	9	22	5	3.96	3.28	0.45	0.38
25	6CNY561 on K Dark Blue/1.14PVB/6Sunergy	28	7	12	18	6	3.96	3.28	0.41	0.35
Planibel Laminated glass										
26	5Clear/0.38 Clear PVB/5Planibel	81	10	11	61	8	3.77	3.00	0.78	0.67
27	6Clear/0.38 Clear PVB/6Planibel	78	9	9	55	7	3.74	2.98	0.72	0.62
28	6Clear /1.14 Clear PVB/6 Planibel	78	9	9	55	7	3.68	2.94	0.73	0.63
29	6C/1.52XIR/6Planibel	64	7	8	31	6	3.65	2.92	0.51	0.44
30	6CNY161 on Clear/1.14PVB/6Planibel	52	11	12	37	8	3.69	2.94	0.56	0.48
31	5 Green /0.38 Clear PVB/5Planibel	69	8	10	37	6	3.77	2.99	0.56	0.48
32	6 Green/0.38 Clear PVB/6Planibel	65	7	8	31	6	3.74	2.98	0.52	0.44
33	6 Green/ 1.14 Clear PVB/6 Planibel	65	7	8	31	6	3.68	2.94	0.52	0.44
34	6 Green/ 0.38Blue Green(0377300)PVB/0.76Clear PVB/6 Planibel	53	6	8	26	5	3.69	2.94	0.47	0.40
35	6CNY261 on Green/1.14PVB/6Planibel	43	9	12	20	6	3.69	2.94	0.42	0.36
36	5Grey/0.38 Clear PVB /5Planibel	44	6	9	34	6	3.77	2.99	0.54	0.46
37	6Grey/0.38 Clear PVB/6Planibel	38	5	7	28	5	3.74	2.98	0.48	0.41
38	6Grey/1.14PVB/6Planibel	38	5	7	27	5	3.69	2.94	0.48	0.41
39	6 Grey/ 0.38Grey(0654400)PVB/0.76Clear PVB/6 Planibel	18	5	6	17	5	3.69	2.94	0.39	0.33
40	6CNY361 on Grey/1.14PVB/6Planibel	26	6	11	19	5	3.69	2.94	0.41	0.35
41	5 Dark Blue/0.38 Clear PVB/5Planibel	55	7	9	38	6	3.77	2.99	0.57	0.49
42	6 Dark Blue/0.38 Clear PVB/6Planibel	49	6	7	32	6	3.74	2.98	0.52	0.44
43	6 Dark blue/ 0.38 Cool blue(6376)PVB/0.76Clear PVB/6 Planibel	41	6	7	26	5	3.69	2.94	0.47	0.40
44	6CNY561 on K Dark Blue/1.14PVB/6Planibel	34	7	14	23	6	3.69	2.94	0.44	0.38



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PERFORMANCE DATA OF GLASS PRODUCTS

Table 5. Solar Reflective Glass

NO.	Glass Makeup	Reflective Colour	Visible Light(%)			Solar Energy(%)		U-value(W/m2.K)		SC	SHGC
			Trans	Reflect		Trans	Reflect	Winter	Summer		
				Outdoor	Indoor						
1	6CSY120A on Clear	Light Grey	23	21	32	22	18	5.25	4.65	0.45	0.39
2	6 CTS120 on Clear	Blue Grey	21	22	32	14	23	4.56	3.88	0.34	0.30
3	6CTS130 on Clear	Blue	30	17	28	24	18	5.06	4.44	0.46	0.39
4	6CSS120SA on Clear	Blue Grey	25	20	29	20	19	4.92	4.29	0.42	0.37
5	6CNY142 on Clear	Light Grey	41	12	19	39	10	5.61	5.01	0.61	0.52
6	6 CNY129 on Clear	Light Grey	30	18	24	28	15	5.4	4.8	0.51	0.44
7	6 CNY 137 on Clear	Blue Grey	38	15	17	36	12	5.43	4.84	0.59	0.51
8	6CNY159 on Clear	Blue Grey	64	18	11	59	12	5.61	5.03	0.77	0.67
9	6 CNY161 on Clear	Neutral	60	11	13	58	9	5.71	5.14	0.78	0.68
10	6CSY220A on Green	Green	19	16	32	11	9	5.25	4.65	0.39	0.33
11	6 CTS220 on Green	Blue Green	17	17	32	8	10	4.56	3.88	0.33	0.28
12	6CTS230 on Green	Blue Green	25	13	28	13	9	5.07	4.45	0.40	0.34
13	6CSS220SA on Green	Blue Green	21	15	29	11	9	4.92	4.29	0.37	0.32
14	6CNY242 on Green	Green	35	10	18	20	7	5.46	4.88	0.48	0.41
15	6 CNY229 on Green	Green	25	14	24	15	8	5.4	4.81	0.43	0.37
16	6 CNY237 on Green	Blue Green	32	12	17	19	7	5.43	4.84	0.47	0.40
17	6CNY259 on Green	Blue Green	53	14	11	31	8	5.61	5.03	0.56	0.48
18	6 CNY261 on Green	Green	50	9	12	30	6	5.72	5.14	0.57	0.49
19	6CSY320A on Grey	Grey	9	9	35	9	9	5.25	4.65	0.36	0.31
20	6 CTS320 on Grey	Blue Grey	10	8	31	7	9	4.56	3.88	0.32	0.27
21	6CTS330 on Grey	Blue Grey	15	7	28	12	8	5.07	4.45	0.39	0.33
22	6CSS320SA on Grey	Blue Grey	12	8	28	11	8	4.92	4.29	0.37	0.32
23	6CNY342 on Grey	Grey	20	6	18	20	6	5.46	4.88	0.48	0.41
24	6 CNY329 on Grey	Grey	14	8	23	14	7	5.4	4.81	0.43	0.37
25	6 CNY337 on Grey	Grey	19	7	17	18	6	5.43	4.84	0.46	0.40
26	6CNY359 on Grey	Blue Grey	31	8	10	29	6	5.61	5.03	0.56	0.48
27	6 CNY361 on Grey	Grey	30	6	11	30	5	5.72	5.14	0.58	0.49
28	6CSY520A on K Dark Blue	Blue	14	11	32	12	9	5.25	4.65	0.4	0.34
29	6 CTS520 on K Dark Blue	Blue	13	11	31	8	11	4.56	3.88	0.33	0.28
30	6CTS530 on K Dark Blue	Blue	19	9	28	14	9	5.07	4.45	0.4	0.34
31	6CSS520SA on K Dark Blue	Blue	15	11	28	12	9	4.92	4.29	0.38	0.32
32	6CNY542 on K Dark Blue	Blue	26	7	18	22	6	5.46	4.88	0.5	0.42
33	6 CNY529 on K Dark Blue	Blue	19	10	23	16	8	5.4	4.81	0.44	0.37
34	6 CNY537 on K Dark Blue	Blue	24	9	17	20	7	5.43	4.84	0.48	0.41
35	6CNY559 on K Dark Blue	Blue	40	10	10	33	7	5.61	5.03	0.58	0.50
36	6 CNY561 on K Dark Blue	Blue	38	7	12	33	6	5.72	5.14	0.59	0.51
37	6CSY520A on K Light Blue	Blue Green	19	16	32	14	11	5.25	4.65	0.41	0.35
38	6 CTS520 on K Light Blue	Blue Green	17	17	32	10	13	4.56	3.88	0.33	0.28
39	6CTS530 on K Light Blue	Blue Green	25	13	28	16	11	5.07	4.45	0.42	0.35
40	6CSS520SA on K Light Blue	Blue Green	21	15	29	14	11	4.92	4.29	0.39	0.33
41	6CNY542 on K Light Blue	Blue Green	35	10	18	26	7	5.46	4.88	0.52	0.45
42	6 CNY529 on K Light Blue	Blue Green	25	14	24	18	10	5.40	4.81	0.45	0.39
43	6 CNY537 on K Light Blue	Blue Green	32	12	17	24	8	5.43	4.84	0.50	0.43
44	6CNY559 on K Light Blue	Blue Green	53	14	11	38	9	5.61	5.03	0.62	0.53
45	6 CNY561 on K Light Blue	Blue Green	50	9	12	38	7	5.72	5.14	0.62	0.54
46	6CSY720A on Crystal Grey	Grey	16	13	32	14	10	5.25	4.65	0.41	0.35
47	6 CTS720 on Crystal Grey	Blue Grey	15	13	32	16	13	4.56	3.88	0.33	0.28
48	6CTS730 on Crystal Grey	Blue Grey	22	11	28	16	10	5.07	4.45	0.42	0.35
49	6CSS720SA on Crystal Grey	Blue Grey	18	12	29	14	11	4.92	4.29	0.38	0.33
50	6CNY742 on Crystal Grey	Grey	30	8	18	26	7	5.46	4.88	0.53	0.45
51	6 CNY729 on Crystal Grey	Grey	21	11	23	19	9	5.4	4.81	0.46	0.39
52	6 CNY737 on Crystal Grey	Grey	27	10	17	24	8	5.43	4.84	0.5	0.43
53	6CNY759 on Crystal Grey	Blue Grey	45	11	10	39	8	5.61	5.03	0.63	0.54
54	6 CNY761 on Crystal Grey	Grey	43	8	12	39	6	5.72	5.14	0.64	0.55



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PERFORMANCE DATA OF GLASS PRODUCTS

Table 6. Insulating Glass - Single Low-e Glass

NO.	Glass Makeup	Reflective Colour	Visible Light(%)			Solar Energy(%)		U-value(W/m2.K)		SC	SHGC
			Trans	Reflect		Trans	Reflect	Winter	Summer		
				Outdoor	Indoor						
1	6CES11-80 on Clear +12A+6C	Neutral	69	11	13	47	22	1.84	1.82	0.60	0.52
2	6CES11-70 on Clear +12A+6C	Neutral	64	11	13	43	22	1.82	1.82	0.56	0.49
3	6CEB14-60 on Clear +12A+6C	Blue Grey	56	16	11	38	23	1.84	1.84	0.50	0.44
4	6 CEB14-50 on Clear +12A+6C	Light Grey	46	19	11	30	25	1.86	1.87	0.42	0.37
5	6 Super SE I-G on Clear +12A+6C	Neutral	78	12	12	55	24	1.84	1.84	0.69	0.60
6	6CEF13-69 on Clear + 12A+6C	Light Blue	62	17	12	41	34	1.76	1.75	0.53	0.46
7	6CES21-80 on Green +12A+6C	Green	58	9	13	28	8	1.82	1.82	0.41	0.35
8	6CES21-70 on Green +12A+6C	Green	54	9	12	26	8	1.82	1.82	0.38	0.33
9	6CEB24-60 on Green +12A+6C	Blue Green	46	13	10	22	9	1.84	1.84	0.35	0.30
10	6 CEB24-50 on Green +12A+6C	Green	38	15	11	18	10	1.86	1.87	0.30	0.26
11	6 Super SE I-G on Green +12A+6C	Green	65	10	11	32	9	1.84	1.84	0.45	0.39
12	6CEF23-69 on Green + 12A+6C	Blue Green	51	13	11	24	10	1.76	1.75	0.36	0.31
13	6CES31-80 on Grey +12A+6C	Grey	34	6	11	23	9	1.82	1.82	0.36	0.31
14	6CES31-70 on Grey +12A+6C	Grey	31	6	11	22	9	1.82	1.82	0.34	0.30
15	6CEB34-60 on Grey +12A+6C	Blue Grey	27	7	9	19	10	1.84	1.84	0.31	0.27
16	6 CEB34-50 on Grey +12A+6C	Grey	22	8	10	15	10	1.86	1.87	0.27	0.24
17	6 Super SE I-G on Grey +12A+6C	Grey	38	6	10	27	10	1.84	1.84	0.40	0.35
18	6CEF33-69 on Grey + 12A+6C	Blue Grey	30	7	11	20	11	1.76	1.75	0.31	0.27
19	6CES51-80 on K Dark Blue +12A+6C	Blue	44	7	12	27	10	1.82	1.82	0.40	0.35
20	6CES51-70 on K Dark Blue +12A+6C	Blue	40	7	11	25	10	1.82	1.82	0.38	0.33
21	6CEB54-60 on K Dark Blue +12A+6C	Blue	35	9	10	22	10	1.84	1.84	0.34	0.30
22	6 CEB54-50 on K Dark Blue +12A+6C	Blue	29	10	11	18	11	1.86	1.87	0.30	0.26
23	6 Super SE I-G on K Dark Blue +12A+6C	Blue	49	8	10	32	10	1.84	1.84	0.45	0.39
24	6CEF53-69 on K Dark Blue + 12A+6C	Blue	39	9	11	23	12	1.76	1.75	0.35	0.30
25	6CES51-80 on K Light Blue +12A+6C	Blue Green	58	9	13	33	11	1.82	1.82	0.46	0.40
26	6CES51-70 on K Light Blue +12A+6C	Blue Green	53	9	12	30	11	1.82	1.82	0.43	0.37
27	6CEB54-60 on K Light Blue +12A+6C	Blue Green	46	13	10	26	12	1.84	1.84	0.39	0.34
28	6 CEB54-50 on K Light Blue +12A+6C	Blue Green	38	15	11	21	13	1.86	1.87	0.33	0.29
29	6 Super SE I-G on K Light Blue +12A+6C	Blue Green	65	10	11	38	12	1.84	1.84	0.51	0.44
30	6CEF53-69 on K Light Blue + 12A+6C	Blue	51	13	12	28	14	1.76	1.75	0.40	0.34
31	6CES71-80 on Crystal Grey +12A+6C	Grey	50	8	12	32	12	1.82	1.82	0.45	0.39
32	6CES71-70 on on Crystal Grey +12A+6C	Grey	46	8	12	29	12	1.82	1.82	0.42	0.36
33	6CEB74-60 on on Crystal Grey +12A+6C	Blue Grey	40	10	10	25	13	1.84	1.84	0.38	0.33
34	6 CEB74-50 on on Crystal Grey +12A+6C	Grey	33	12	11	21	14	1.86	1.87	0.33	0.28
35	6 Super SE I-G on Crystal Grey +12A+6C	Grey	56	8	11	37	13	1.84	1.84	0.50	0.43
36	6CEF73-69 on Crystal Grey + 12A+6C	Blue Grey	44	11	11	26	15	1.76	1.75	0.38	0.33
37	6CES01-80 on Low Iron +12A+6 Low Iron	Neutral	71	11	13	52	24	1.82	1.82	0.63	0.55
38	6CES01-70 on Low Iron +12A+6 Low Iron	Neutral	66	11	13	48	24	1.82	1.82	0.59	0.51
39	6CEB04-60 on Low Iron +12A+6 Low Iron	Blue Grey	57	16	11	42	26	1.84	1.84	0.52	0.45
40	6 CEB04-50 on Low Iron +12A+6 Low Iron	Light Grey	47	20	11	33	28	1.86	1.87	0.43	0.38
41	6 Super SE I-G Low Iron +12A+6 Low Iron	Neutral	80	12	12	61	26	1.84	1.84	0.72	0.62
42	6CEF03-69 on Low Iron + 12A+6 Low Iron	Light Blue	63	17	12	44	34	1.77	1.75	0.53	



China Southern Glass (Australia) P/L

Suite 2, Level 2, 186-190 Church St, Parramatta, NSW2150, Australia

PERFORMANCE DATA OF GLASS PRODUCTS

Table 7. Insulating Glass - Double Low-E Glass

NO.	Glass Makeup	Reflective Colour	Visible Light(%)			Solar Energy(%)		U-value(W/m2.K)		SC	SHGC
			Trans	Reflect		Trans	Reflect	Winter	Summer		
				Outdoor	Indoor						
1	6CED12-78 on Clear +12A+6C	Neutral	68	11	12	35	35	1.67	1.62	0.44	0.39
2	6CED12-67 on Clear +12A+6C	Neutral	62	11	12	31	33	1.65	1.59	0.41	0.35
3	6CED12-59 on Clear +12A+6C	Blue	54	17	14	25	39	1.65	1.59	0.33	0.29
4	6CED12-52 on Clear +12A+6C	Light Grey	48	14	11	23	33	1.67	1.62	0.32	0.28
5	6CED12-46 on Clear +12A+6C	Light Grey	43	15	12	21	33	1.67	1.62	0.29	0.26
6	6CED13-61 on Clear +12A+6C	Silver Grey	54	19	16	25	42	1.67	1.62	0.33	0.28
7	6CED13-39 on Clear +12A+6C	Light Grey	41	20	13	19	41	1.67	1.62	0.26	0.23
8	6CED12-58 on Clear +12A+6C	Light Blue	52	10	10	24	24	1.68	1.64	0.34	0.30
9	6CED22-78 on Green +12A+6C	Green	57	9	11	23	9	1.67	1.62	0.35	0.30
10	6CED22-67 on Green +12A+6C	Green	51	9	12	21	9	1.65	1.59	0.32	0.28
11	6CED22-59 on Green +12A+6C	Blue Green	45	12	14	18	11	1.65	1.59	0.28	0.24
12	6CED22-52 on Green +12A+6C	Green	40	11	11	16	10	1.67	1.62	0.27	0.23
13	6CED22-46 on Green +12A+6C	Green	36	12	11	15	10	1.67	1.62	0.25	0.22
14	6CED23-61 on Green +12A+6C	Green	45	15	16	18	12	1.67	1.62	0.28	0.24
15	6CED23-39 on Green +12A+6C	Green	34	16	13	13	12	1.67	1.62	0.23	0.20
16	6CED22-58 on Green +12A+6C	Blue Green	42	7	10	16	7	1.68	1.64	0.27	0.24
17	6CED32-78 on Grey +12A+6C	Grey	33	6	10	17	12	1.67	1.62	0.28	0.24
18	6CED32-67 on Grey +12A+6C	Grey	30	6	10	16	12	1.65	1.59	0.26	0.23
19	6CED32-59 on Grey +12A+6C	Blue Grey	26	7	13	12	13	1.65	1.59	0.22	0.19
20	6CED32-52 on Grey +12A+6C	Grey	23	6	10	12	12	1.67	1.62	0.22	0.19
21	6CED32-46 on Grey +12A+6C	Grey	21	7	11	10	12	1.67	1.62	0.20	0.18
22	6CED33-61 on Grey +12A+6C	Grey	26	8	15	12	14	1.67	1.62	0.22	0.19
23	6CED33-39 on Grey +12A+6C	Grey	20	8	12	9	14	1.67	1.62	0.19	0.16
24	6CED32-58 on Grey +12A+6C	Blue Grey	25	6	9	12	10	1.68	1.64	0.22	0.19
25	6CED52-78 on K Dark Blue +12A+6C	Blue	43	7	11	21	12	1.67	1.62	0.32	0.28
26	6CED52-67 on K Dark Blue +12A+6C	Blue	39	7	11	19	12	1.65	1.59	0.30	0.26
27	6CED52-59 on K Dark Blue +12A+6C	Blue	34	9	13	16	14	1.65	1.59	0.25	0.22
28	6CED52-52 on K Dark Blue +12A+6C	Blue	30	8	11	14	12	1.67	1.62	0.25	0.21
29	6CED52-46 on K Dark Blue +12A+6C	Blue	27	9	11	13	12	1.67	1.62	0.23	0.20
30	6CED53-61 on K Dark Blue +12A+6C	Blue	34	10	16	15	15	1.67	1.62	0.25	0.22
31	6CED53-39 on K Dark Blue +12A+6C	Blue	26	11	13	12	15	1.67	1.62	0.21	0.19
32	6CED52-58 on K Dark Blue +12A+6C	Blue	34	8	10	15	12	1.68	1.64	0.26	0.22
33	6CED52-78 on K Light Blue +12A+6C	Blue Green	57	9	11	26	14	1.67	1.62	0.37	0.32
34	6CED52-67 on K Light Blue +12A+6C	Blue Green	51	9	12	24	13	1.65	1.59	0.34	0.30
35	6CED52-59 on K Light Blue +12A+6C	Blue Green	45	13	14	19	16	1.65	1.59	0.29	0.25
36	6CED52-52 on K Light Blue +12A+6C	Blue Green	40	11	11	18	14	1.67	1.62	0.28	0.24
37	6CED52-46 on K Light Blue +12A+6C	Blue Green	36	12	11	16	14	1.67	1.62	0.26	0.23
38	6CED53-61 on K Light Blue +12A+6C	Blue Green	45	15	16	19	17	1.67	1.62	0.29	0.25
39	6CED53-39 on K Light Blue +12A+6C	Blue Green	34	16	13	15	17	1.67	1.62	0.24	0.21
40	6CED52-58 on K Light Blue +12A+6C	Blue	44	8	10	19	12	1.68	1.64	0.30	0.26
41	6CED72-78 on Crystal Grey +12A+6C	Grey	48	8	11	24	16	1.67	1.62	0.35	0.30
42	6CED72-67 on Crystal Grey +12A+6C	Grey	44	8	11	22	16	1.65	1.59	0.32	0.28
43	6CED72-59 on Crystal Grey +12A+6C	Blue Grey	39	11	13	17	18	1.65	1.59	0.27	0.23
44	6CED72-52 on Crystal Grey +12A+6C	Grey	34	9	11	16	16	1.67	1.62	0.26	0.23
45	6CED72-46 on Crystal Grey +12A+6C	Grey	31	10	11	15	16	1.67	1.62	0.24	0.21
46	6CED73-61 on Crystal Grey +12A+6C	Grey	38	12	16	17	19	1.67	1.62	0.27	0.23
47	6CED73-39 on Crystal Grey +12A+6C	Grey	29	13	13	13	19	1.67	1.62	0.22	0.19
48	6CED72-58 on Crystal Grey +12A+6C	Blue Grey	38	7	10	17	13	1.68	1.64	0.28	0.24
49	6CED02-78 on Low Iron +12A+6 Low Iron	Neutral	70	11	12	37	38	1.67	1.62	0.46	0.40
50	6CED02-67 on Low Iron +12A+6 Low Iron	Neutral	63	11	12	33	36	1.65	1.59	0.42	0.36
51	6CED02-59 on Low Iron +12A+6 Low Iron	Blue	56	17	14	26	42	1.65	1.59	0.34	0.29
52	6CED02-52 on Low Iron +12A+6 Low Iron	Light Grey	49	14	11	25	35	1.67	1.62	0.33	0.28
53	6CED02-46 on Low Iron +12A+6 Low Iron	Light Grey	44	15	12	22	36	1.67	1.62	0.30	0.26
54	6CED03-61 on Low Iron +12A+6 Low Iron	Silver Grey	55	19	16	26	46	1.67	1.62	0.33	0.29
55	6CED03-39 on Low Iron +12A+6 Low Iron	Light Grey	42	21	13	20	44	1.67	1.62	0.27	0.23
56	6CED02-58 on Low Iron +12A+6 Low Iron	Light Blue	54	10	11	27	30	1.68	1.64	0.35	0.31



China Southern Glass (Australia) P/L
Suite 2, Level 2, 186-190 Church St, Parramatta, NSW2150, Australia
PERFORMANCE DATA OF GLASS PRODUCTS

Table 8. Insulating Glass - Triple Low-E Glass

NO.	Glass Makeup	Reflective Colour	Visible Light(%)			Solar Energy(%)		U-value(W/m2.K)		SC	SHGC
			Trans	Reflect		Trans	Reflect	Winter	Summer		
				Outdoor	Indoor						
1	6CET13-65 on Clear +12A+6C	Light Blue	65	12	13	24	39	1.64	1.58	0.32	0.28
2	6CET23-65 on Green +12A+6C	Blue Green	52	8	12	18	9	1.64	1.58	0.28	0.25
3	6CET33-65 on Grey +12A+6C	Blue Grey	30	6	11	12	13	1.64	1.58	0.21	0.18
4	6CET53-65 on K Dark Blue +12A+6C	Blue	41	9	12	16	16	1.64	1.58	0.25	0.22
5	6CET53-65 on K Light Blue +12A+6C	Light Blue	54	10	12	20	16	1.64	1.58	0.30	0.26
6	6CET73-65 on Crystal Grey +12A+6C	Blue Grey	47	8	12	17	20	1.64	1.58	0.27	0.23
7	6CET03-65 on Low Iron +12A+6Low Iron	Light Blue	67	13	14	26	48	1.64	1.58	0.32	0.28

Remarks:

1. The data is based on calculation by Window 5.2 under NFRC 100-2001 standard condition.
2. The actual performance data may slightly differ from the data listed.

Terminology in performance datasheet

Visible Light Transmittance

The percentage of visible light (380-780nm) that is transmitted through the glass.

Visible Light Reflectance

The percentage of visible light that is reflected from the glass surfaces.

Solar Transmittance

The percentage of ultraviolet, visible and near infrared energy (300-2500nm) that is transmitted through the glass

Solar Reflectance

The percentage of solar energy that is reflected from the glass surfaces.

Shading Coefficient (SC)

The solar factor (total transmittance) of a glass relative to that of 3mm clear floats glass (0.87) and is used as a performance comparison. The lower the shading coefficient number, the lower the amount of solar heat transmitted.

U-Value

A measure of heat gain or heat loss through glass due to the differences between indoor and outdoor temperatures.

It is expressed as Watts per square meter, per degree Kelvin, W/sq. m. K.

Solar Factor (g)

The percentage of total solar radiant heat energy transmitted through glazing (the sum of energy transmitted directly and energy absorbed and re-emitted to the interior).

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