

# CITY STAR GROUP CO., LIMITED

## Optical performance parameter sheet

Glass name	Thick	V L T %	U T %	S D T %	V L R %	S T %	S A %	S E T %	U value (w/m <sup>2</sup> K)		S C	H G F
									S	W		
Extra clear float glass	2	91.21	83.44	90.58	8.92	8.32	1.11	90.88	5.51	5.45	1.041	0.91
	3	91.27	81.31	90.38	8.77	8.21	1.4	90.8	5.49	5.43	1.045	0.91
	4	91.11	78.78	90.02	7.65	7.28	2.71	90.7	5.4	5.41	1.042	0.91
	5	91.07	76.43	90	8.84	8.23	2.39	90.1	5.38	5.39	1.035	0.91
	6	90.8	74.69	88.95	8.87	8.22	2.87	89.8	5.36	5.35	1.032	0.91
	8	90.5	71.51	88.12	7.97	7.31	4.58	89.5	5.32	5.32	1.028	0.91
	10	90.2	68.81	87.38	8.7	7.93	4.7	88.8	2.26	5.26	1.02	0.91
	12	90.47	66.16	86.8	8.75	8.28	5.03	88.2	5.2	5.2	1.014	0.89
	15	90.29	63.91	85.53	8.82	8.12	6.37	87.5	5.13	5.13	1.005	0.89
19	89.96	61.02	84.17	8.87	7.93	7.92	86.5	5.03	5.03	0.995	0.89	

VLT : Visible Light Transmittance , UT :Ultraviolet transmittance , SDT:Sunlight direct transmittance ,VLR: Visible light reflectance

ST: Sunlight transmittance, SA: Solar absorptivity, SET:Solar energy transmittance, SC:Sunshade coefficient ,HGF:Heat gain factor