



ABOUT SYP

Shanghai Yaohua Pilkington Glass Group Co., Ltd., abbreviated as SYP, was founded in November 1983. It became one of the first publicly listed glass manufacturers in China with its IPO completed in 1993. Currently SYP has three major businesses, i.e., float glass, architectural processed glass and autoglass, with total assets over RMB 7 billion. SYP can produce 550,000 tons float glass, 28 million square meters architectural processed glass and 1.2 million sets of autoglass every year.

SYP has already got the ISO 9001:2000 quality management system certified and the ISO 14001 international certification. Moreover, SYP was awarded Shanghai Famous Trademark at the end of 2005. The float glass and IGU products were awarded the China Top Brand products. SYP architectural processed glass products have been awarded Shanghai Top 100 Brand Name products for eight successive years.

Keeping its leading position in Chinese glass making industry. SYP is trying its best to build itself as a leading multi-national glass manufacturer.

GLASS SOLUTION

SYP Glass, having been in business since 1983, is one of the very few world class 'one stop' vertically integrated providers of architectural glass. SYP Glass provides its clients with a complete range of commercial glass products including float, tempered, curved, laminated, Low-E and insulated "IGU" glass. SYP is acknowledged worldwide for quality and performance as seen in many of today's most recognizable buildings. Today's designers look to SYP Glass as their "glass solution" for assistance with design criteria, aesthetics, building codes, budgets, energy performance, environmental analyses, design reviews, windload and static load, and more.

SYP Glass is certified by numerous worldwide organizations including, but not limited to, the Insulated Glass Certification Council and the Safety Glass Certification Council. SYP Glass can provide virtually any glass configuration used in today's construction of commercial buildings including hurricane-resistant, blast-mitigating, acoustical, and high performance coatings. SYP Glass customer support teams pride themselves by applying their many years of "glass solutions" which in essence means a close working relationship helping our clients along each step to successful project completion.

 耀皮玻璃集团
Shanghai Yaohua Pilkington Glass Group Co., Ltd.

SYP ARCHITECTURAL GLASS



POST TEMPERABLE PRODUCTS

SYP Post Temperable Low-E

SUBSTRATE	PRODUCT	Color	Visible Ligh(%)			Solar Direct (%)		Solar Heat Gain Coef- ficient (SHGC) NFRC 100-2010	Shanding Coefficient (S.C.) NFRC 100-2010	NFRC U Value W/m².K		European U- Value W/m².K(EN 673)
			Transmit- tance	Reflectance (out)	Reflec- tance(in)	Transmit- tance	Reflectance (out)			Summer	Winter	
Clear	6YBE0120N+12A+6	Silver Grey	18	33	15	11	36	0.17	0.20	1.67	1.71	1.7
Clear	6YBE0120N+16A+6	Silver Grey	18	33	15	11	36	0.17	0.20	1.42	1.75	1.4
Clear	6YBE0125N+12A+6	Silver Blue	26	28	14	17	26	0.24	0.27	1.84	1.84	1.8
Clear	6YBE0125N+16A+6	Silver Blue	26	28	14	17	26	0.24	0.27	1.62	1.87	1.6
Clear	6YBE0130N+12A+6	Light Grey	25	41	12	15	42	0.22	0.25	1.66	1.70	1.7
Clear	6YBE0130N+16A+6	Light Grey	25	41	12	15	42	0.22	0.25	1.41	1.74	1.4
Clear	6YBE0140N+12A+6	Silver Grey	36	33	12	22	35	0.27	0.31	1.67	1.71	1.7
Clear	6YBE0140N+16A+6	Silver Grey	36	33	12	22	35	0.27	0.31	1.43	1.75	1.4
Clear	6YBE0152N+12A+6	Grey	46	21	10	30	24	0.37	0.43	1.78	1.79	1.8
Clear	6YBE0152N+16A+6	Grey	46	21	10	30	24	0.36	0.42	1.55	1.83	1.6
Green	6YBE2225N+12A+6	Green	22	20	14	10	11	0.20	0.23	1.84	1.84	1.8
Green	6YBE2225N+16A+6	Green	22	20	14	10	11	0.20	0.23	1.62	1.87	1.6
Green	6YBE2230N+12A+6	Green	21	29	12	10	15	0.19	0.22	1.66	1.70	1.7
Green	6YBE2230N+16A+6	Green	21	29	12	10	15	0.19	0.22	1.41	1.74	1.4
Green	6YBE2240N+12A+6	Blue Green	30	23	11	14	13	0.22	0.25	1.67	1.71	1.7
Green	6YBE2240N+16A+6	Blue Green	30	23	11	14	13	0.22	0.25	1.43	1.75	1.4
Green	6YBE2252N+12A+6	Light Green	38	15	10	18	11	0.26	0.30	1.78	1.79	1.8
Green	6YBE2252N+16A+6	Light Green	38	15	10	18	11	0.26	0.30	1.55	1.83	1.6
Blue	6YBE2525N+12A+6	Light Blue	16	14	14	10	10	0.19	0.22	1.84	1.84	1.8
Blue	6YBE2525N+16A+6	Light Blue	16	14	14	10	10	0.19	0.22	1.62	1.87	1.6
Blue	6YBE2530N+12A+6	Blue	15	18	12	9	14	0.18	0.21	1.66	1.70	1.7
Blue	6YBE2530N+16A+6	Blue	15	18	12	9	14	0.18	0.21	1.41	1.74	1.4
Blue	6YBE2540N+12A+6	Blue	22	15	11	13	12	0.21	0.24	1.67	1.71	1.7
Blue	6YBE2540N+16A+6	Blue	22	15	11	13	12	0.21	0.24	1.43	1.75	1.4
Blue	6YBE2552N+12A+6	Light Blue	28	11	10	17	11	0.25	0.29	1.78	1.79	1.8
Blue	6YBE2552N+16A+6	Light Blue	28	11	10	17	11	0.25	0.29	1.55	1.83	1.6
Grey	6YBE5830N+12A+6	Grey	12	13	13	8	15	0.16	0.18	1.66	1.70	1.7
Grey	6YBE5830N+16A+6	Grey	12	13	13	8	15	0.16	0.18	1.41	1.74	1.4
Grey	6YBE5840N+12A+6	Grey	18	11	14	12	14	0.20	0.22	1.72	1.75	1.7
Grey	6YBE5840N+16A+6	Grey	18	11	14	12	14	0.20	0.22	1.48	1.79	1.5
Grey	6YBE5852N+12A+6	Grey	23	8	10	16	10	0.25	0.28	1.87	1.86	1.8
Grey	6YBE5852N+16A+6	Grey	23	8	10	16	10	0.25	0.28	1.65	1.89	1.6
light grey	6YBE6830N+12A+6	Grey	17	18	14	10	17	0.17	0.20	1.66	1.70	1.7
light grey	6YBE6830N+16A+6	Grey	17	18	14	10	17	0.17	0.20	1.41	1.74	1.4
light grey	6YBE6840N+12A+6	Grey	25	16	12	15	15	0.22	0.26	1.72	1.75	1.7
light grey	6YBE6840N+16A+6	Grey	25	16	12	15	15	0.22	0.26	1.48	1.79	1.5
light grey	6YBE6852N+12A+6	Grey	33	13	10	21	14	0.29	0.33	1.87	1.86	1.8
light grey	6YBE6852N+16A+6	Grey	33	13	10	21	14	0.29	0.33	1.65	1.89	1.6

SYP Post Temperable Double Silver Low-E

SUBSTRATE	PRODUCT	Color	Visible Ligh(%)			Solar Direct (%)		Solar Heat Gain Coef- ficient (SHGC) NFRC 100-2010	Shanding Coefficient (S.C.) NFRC 100-2010	NFRC U Value W/m².K		European U- Value W/m².K(EN 673)
			Transmit- tance	Reflectance (out)	Reflec- tance(in)	Transmit- tance	Reflectance (out)			Summer	Winter	
Clear	6YHE Titanium Blue+12A+6	Blue	30	19	14	15	21	0.21	0.24	1.66	1.70	1.6
Clear	6YHE Titanium Blue+16A+6	Blue	30	19	14	15	21	0.21	0.24	1.40	1.74	1.4
Clear	6YHE Titanium Grey+12A+6	Grey	28	20	15	12	28	0.18	0.21	1.65	1.69	1.6

Clear	6YHE Titanium Grey+16A+6	Grey	28	20	15	12	28	0.18	0.21	1.39	1.73	1.4
Clear	6YHE Bronze+12A+6	Bronze	28	20	11	13	32	0.19	0.22	1.66	1.70	1.6
Clear	6YHE Bronze+16A+6	Bronze	28	20	11	13	32	0.19	0.22	1.41	1.74	1.4
Clear	6YHE Gold+12A+6	Gold	14	34	54	8	34	0.14	0.16	1.59	1.64	1.6
Clear	6YHE Gold+16A+6	Gold	14	34	54	8	34	0.13	0.15	1.32	1.69	1.3
Clear	6YDT0170T+12A+6	Neutral	66	11	14	32	30	0.37	0.42	1.58	1.64	1.6
Clear	6YDT0156T+12A+6	Silver Grey	52	22	23	25	30	0.30	0.34	1.57	1.64	1.6
Clear	6YDT0152T+12A+6	Blue	47	13	13	21	25	0.26	0.30	1.61	1.66	1.6
Clear	6YDT0145T+12A+6	Blue Grey	40	19	12	16	31	0.22	0.25	1.59	1.65	1.6
Clear	6YDT0151AC+12A+6	Blue Grey	41	27	15	17	35	0.22	0.25	1.58	1.64	1.6

SYP Post Temperable Triple Silver Low-E

SUBSTRATE	PRODUCT	Color	Visible Ligh(%)			Solar Direct (%)		Solar Heat Gain Coef- ficient (SHGC) NFRC 100-2010	Shanding Coefficient (S.C.) NFRC 100-2010	NFRC U Value W/m².K		European U- Value W/m².K(EN 673)
			Transmit- tance	Reflectance (out)	Reflec- tance(in)	Transmit- tance	Reflectance (out)			Summer	Winter	
Clear	6YTE0178T+12A+6	Neutral	67	13	13	28	39	0.31	0.36	1.55	1.62	1.5
Clear	6YTE0178T+16A+6	Neutral	67	13	13	28	39	0.31	0.36	1.30	1.67	1.3
Low Iron	6YTE0678T+12A+6	Neutral	68	13	13	29	55	0.31	0.36	1.55	1.62	1.5
Low Iron	6YTE0678T+16A+6	Neutral	68	13	13	29	55	0.31	0.36	1.30	1.67	1.3

SYP Post Temperable Solar Reflective Outer Lite and Low-E Inner Lite

SUBSTRATE	PRODUCT	Color	Visible Ligh(%)			Solar Direct (%)		Solar Heat Gain Coef- ficient (SHGC) NFRC 100-2010	Shanding Coefficient (S.C.) NFRC 100-2010	NFRC U Value W/m².K		European U- Value W/m².K(EN 673)
			Transmit- tance	Reflectance (out)	Reflec- tance(in)	Transmit- tance	Reflectance (out)			Summer	Winter	
Clear	6YSD0130+12A+6YEA	Grey	26	25	24	19	19	0.28	0.32	1.86	1.85	1.8
Clear	6YSD0130+16A+6YEA	Grey	26	25	24	19	19	0.28	0.32	1.63	1.88	1.6
Clear	6YSD0120+12A+6YEA	Silver Grey	17	33	27	12	27	0.21	0.24	1.84	1.84	1.8
Clear	6YSD0120+16A+6YEA	Silver Grey	17	33	27	12	27	0.21	0.24	1.62	1.87	1.6
Clear	6YSD0115+12A+6YEA	Light Blue	14	27	35	10	22	0.18	0.21	1.83	1.84	1.8
Clear	6YSD0115+16A+6YEA	Light Blue	14	27	35	10	22	0.18	0.21	1.61	1.87	1.6
Green	6YSD2230+12A+6YEA	Green	23	18	23	12	10	0.22	0.25	1.86	1.85	1.8
Green	6YSD2230+16A+6YEA	Green	23	18	23	12	10	0.22	0.25	1.63	1.88	1.6
Green	6YSD2220+12A+6YEA	Green	15	25	26	8	13	0.17	0.19	1.84	1.84	1.8
Green	6YSD2220+16A+6YEA	Green	15	25	26	8	13	0.17	0.19	1.62	1.87	1.6
Blue	6YSD2530+12A+6YEA	Blue	17	12	23	12	10	0.22	0.25	1.86	1.85	1.8
Blue	6YSD2530+16A+6YEA	Blue	17	12	23	12	10	0.22	0.25	1.63	1.88	1.6
Blue	6YSD2520+12A+6YEA	Blue	11	16	26	7	12	0.17	0.19	1.84	1.84	1.8
Blue	6YSD2520+16A+6YEA	Blue	11	16	26	7	12	0.17	0.19	1.62	1.87	1.6
Grey	6YSD5830+12A+6YEA	Grey	16	8	21	12	8	0.23	0.27	1.86	1.85	1.8
Grey	6YSD5830+16A+6YEA	Grey	16	8	21	12	8	0.23	0.27	1.64	1.88	1.6
Grey	6YSD5820+12A+6YEA	Grey	9	11	30	7	10	0.18	0.20	1.84	1.84	1.8
Grey	6YSD5820+16A+6YEA	Grey	9	11	30	7	10	0.18	0.20	1.62	1.87	1.6
Light Grey	6YSD6830+12A+6YEA	Grey	22	12	21	15	9	0.25	0.29	1.86	1.85	1.8
Light Grey	6YSD6830+16A+6YEA	Grey	22	12	21	15	9	0.25	0.29	1.64	1.88	1.6
Light Grey	6YSD6820+12A+6YEA	Grey	13	15	31	9	11	0.19	0.22	1.84	1.84	1.8
Light Grey	6YSD6820+16A+6YEA	Grey	13	15	31	9	11	0.19	0.22	1.62	1.87	1.6

The above data are calculated by WINDOW6.3 developed at Lawrence Berkeley National Laboratory, except for having been given clear indication of standards. The glass performance data will be finalized by the performance data sheet which submitted by SYP. Above performance just for design reference.