

January 13, 2010

To Whom It May Concern:

Lexan\* Thermoclear Sheet has been tested in accordance with ISO 11341. The details of the test method are listed below:

Settings		ATLAS CI5000
Standard	ISO11341	
Lightsource	Xenon	
Power		
Radiation	300-400nm 50W/m2	
Black standard temp	65C	
Chamber temp.	40C	
%RH	70%	
Cycle	Constant light	
Spray on /off	18minutes on /102 minutes off	
filters	inner CIRA , outer Sodalime	

The following data is a summary of the results of this testing. The data presented here contains the change in yellowness index (YI) and the change in light transmission (LT) for the material tested. Color shift (delta E) may also be available for some tests and can be requested separately

Coex		Delta YI	Delta YI	Delta YI	Delta YI	Delta LT	Delta LT	Delta LT	Delta LT
GRADE	COLOR	1000Hrs	2500Hrs	5000Hrs	8000 hrs	1000Hrs	2500Hrs	5000Hrs	8000Hrs
LTC 6 mm twin wall	IR green ( like GN9A081T)	-0.58	0.5	1.72	2.21	0.4	0	-2.4	-3.1
LTC 8mm twin wall	WH7A092X	0.5		4.44	6.53	0.2		-2.6	-1.7
LTC 8mm twin wall	515055	0.25		2.7	5.45	-0.2		-1.2	-2.3
LT2UV 8mm twin wall	NA9D110X	0.06		3.02	3.56	-0.4		-3.1	-3.8
LTC 10 mm twin wall	IR green	-0.57	0.22	1.02	1.77	0.4	0.4	-1.1	-1.8
LT2UVIR 10mm twin wall	GY5B422T	2.57		10.66	13.48	0.5		1	1.6
LT2UVIR 10mm twin wall	BL8B089T	1.8		10.41	12.63	0.6		1.7	3.7
LT2UV 10 mm twin wall	pearl	-6.3	-2.58	4.29	8.75	1.8	-1.3	-5.5	-7.22

\* Registered trademark(s) of SABIC Innovative Plastics BV

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Coated		Delta YI	Delta YI	Delta YI	Delta YI	Delta LT	Delta LT	Delta LT	Delta LT
PRODUCT	COLOR	1000Hrs	2500Hrs	5000Hrs	8000Hrs	1000Hrs	2500Hrs	5000Hrs	8000hrs
LTC 2UV 6 mm twin wall	112	0	0.4	1.13	10000 = 2.78	-0.7		-0.8	10000 = -6.4
LTC 6 mm twin wall	825079	6.9	14.49	25.02	36.35	0.23	0.23	-0.4	-2.3
LTC 6 mm twin wall	21271	0.54	2.06	4.93	9.68	-0.13	-0.3	-0.53	-1.1
LTC 6 mm twin wall	215102	13.33	27.4	41.98	55.21	1.27	3.07	5.03	6.45
LTC 6 mm twin wall	715081	4.65	8.83	13.45	17.32	0.83	1.63	2.47	2.8
LTC 6 mm twin wall	825079	1.25		18.23	24.11	0.2		1.2	-2.9
LTC 6 mm twin wall	825079	1.34		19.08	35.04	0.2		-0.2	-5.2
LTC 6 mm twin wall	glass filled	-0.08	0.36	0.47		0	-0.9	-1.4	
LT2UV 6 mm twin wall	GY6A744M	-0.24	1.87	3.67	4.53	-0.3	-0.1	-0.2	-0.2
LT2UV 6 mm twin wall	GY6A744M	-0.1	1.91	3.59	5.71	-0.8	-0.2	-0.3	-0.5
LT2UV 6 mm twin wall	GY6A744M	-0.17	1.86	3.21	4.02	-0.2	-0.1	-0.4	-0.4
LT2UV 8mm twin wall	NA9D110X	-0.4		2.25	2.15	0		-2.8	-2.3
LTC 10 mm twin wall	21271 GF	0.81	1.82	4.29	7.99	0.35	0.45	0.4	-0.65
LTC 10 mm IR twin wall	GN8B032T	-0.88		0.65	0.77	0.5		-0.1	-1.3
LT2UV 10 mm twin wall	112		0.2	0.62	1.4		-0.9	-2	-1.7
LT2UV 10 mm twin wall	GY5B422T	2.2	7.4	10.3	16.59	0.7	1.6	2.2	2.9
LT2UV 10 mm twin wall	BL8B089T	1.1	4.77	7.1	11.55	1.2	2.9	3.7	4.6
LTC SUN XP 10 mm twin wall	112		0.19	0.86	7000=1.62	not measured			

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coated		Delta YI	Delta YI	Delta YI	Delta YI	Delta LT	Delta LT	Delta LT	Delta LT
PRODUCT	COLOR	1000Hrs	2500Hrs	5000Hrs	8000Hrs	1000Hrs	2500Hrs	5000Hrs	8000hrs
LTC 2UV 16 mm tripple wall	WH7A092X	-0.41	1.28	3		0.2	-0.1	-0.4	
LTC 2UV 16 mm X structure tripple wall	WH9A120X	0.29	1.24	4.03	6.24	-0.2	-0.43	-1.27	-2
LTC 16 mm tripple wall	GN9A047T	-1.55	-1.38	-1.11	0.07	0.5	0.3	0.5	-0.1
LTC 16 mm IR X structure tripple wall	GN8B022T	0.47		2.02	3.92	-0.5		-2.6	-6
LTC 16 mm IR X structure tripple wall EZ clean coating	GN8B022T	0.36		1.67	3.01	-0.2		-2.5	-4.6
LT2UV 16 mm X structure tripple wall	Metallic((GY6A399M colorconc)	-0.33	1.82	3.9	4.42	-0.6	-1	-2.3	-2.1
LT2UV 16 mm tripple wall	GN8B038T	-1.21	-0.3	-0.12	0.31	0.1	-0.3	-0.1	-1.2
LT2UV 16 mm tripple wall	BL8B089T	1	5.06	7.4	11.98	0.9	2.4	3.4	3.4
LT2UV 16 mm X structure tripple wall	WH5C060X	0.84		7.36	11.59	-0.1		0.3	-0.4
LT2UV 16 mm X structure tripple wall	WH7A092X	0.11		2.75	3.74	-1.3		-2.5	-3
LT2UV 16 mm X structure tripple wall	SOFTL NA9D110X	0.64		2.28	3.24	-0.9		-1.3	-2.2
LTC SUN XP 16 mm tripple wall	112	1500=0.23		1.83	1.96	not measured			
LT2UV 25 mm X structure	GN8B038T	-0.76	1.8	1.58	2.64	-0.4	-1	-1.1	-2.3
LT2UV 32 mm	82901	-6.93	-2.41	7.95	26.58	0.03	-0.04	-0.13	-0.31

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In addition to this weathering data for Lexan Thermoclear Sheet Sabic-Innovative Plastics offers limited warranties against loss of impact, yellowing, and loss of light transmission due to weathering as outlined in the Lexan Thermoclear Sheet warranties available from your sales representative.

If you have questions regarding this data please contact me.

Sincerely,



Michael Laurin  
Technical Development Engineering and Programs Leader  
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