

Heat and Light Control Characteristics of Laminated Glass

Category	Aesthetics	Nominal Thickness (mm)	Solar Transmittance (%)	Visible Light Transmittance (%)	Shading Coefficient (SC)	Gain Coefficient (SHGC)	U-Factor W/M ² /K	Relative Heat Gain (W/m ²)	Transmitted UV (%)	Transmitted dW
Cryst Safety Glass Laminated Glass	Clear	0.38	73	89	0.91	0.78	6.07	6.40	0.01	0.32
	Clear	0.76	72	88	0.90	0.77	6.02	6.30	0.01	0.30
	Clear	1.14	69	88	0.88	0.75	5.90	6.17	0.01	0.28
	Clear	1.52	70	88	0.88	0.76	5.90	6.17	0.01	0.28
	Clear	2.29	67	88	0.86	0.74	5.79	6.01	0.01	0.26
	Blue Gray	0.38	37	30	0.62	0.53	6.07	4.52	0.01	0.11
Cryst Safety Glass Tinted Laminated	Translucent White	0.38	52	57	0.73	0.62	6.07	5.20	0.01	0.19
	Neutral Medium Brown	0.38	32	29	0.58	0.50	6.07	4.26	0.01	0.07
	Neutral Light Brown	0.38	52	56	0.73	0.63	6.07	5.26	0.01	0.17
	Blue Green	0.76	62	71	0.82	0.70	6.02	5.78	0.01	0.23
	Medium Bronze	0.38	34	28	0.59	0.51	6.07	4.35	0.01	0.08
	Light Bronze	0.76	49	52	0.71	0.61	6.02	5.10	0.01	0.15
	Gray	0.76	47	43	0.69	0.60	6.02	5.00	0.01	0.15
	Vanceva Red	0.38	62	50	0.82	0.70	6.07	5.78	0.01	0.22
	Vanceva Light Red	0.38	70	76	0.88	0.76	6.07	6.21	0.01	0.30
	Vanceva Yellow	0.38	63	79	0.82	0.71	6.07	5.82	0.01	0.02
	Vanceva Light Yellow	0.38	68	85	0.87	0.75	6.07	6.11	0.01	0.14
	Vanceva Blue	0.38	55	50	0.76	0.65	6.07	5.43	0.01	0.26
	Vanceva Light Blue	0.38	68	77	0.87	0.75	6.07	6.11	0.01	0.31
	Vanceva Black	0.38	48	50	0.70	0.60	6.07	5.04	0.01	0.15
Vanceva Light Black	0.38	66	78	0.86	0.74	6.07	6.04	0.01	0.27	

The data and information set forth above are based on samples tested and are not guaranteed for all samples or applications.
 All data calculated using Lawrence Berkeley Laboratory Window 4.1 Program;
 Laminates constructed with 3mm Clear Glass - PVB Interlayer - 3mm Clear Glass