

TEST REPORT SUMMARY | K12

DESCRIPTION	TEST STANDARD	RESULTS
Self-Ignition Temperature	ASTM D1929	> 650 °F
Rate of Burn and/or Extent	ASTM D635	CC1 Rating; <1in/min
Density of Smoke	ASTM D2843	< 75%
Surface Burning Characteristics	ASTM E84	Class A Rating: Flame Spread; 0-25 Smoke Developed Index; 0-450
Air Infiltration	ASTM E283	Pass @ 6.27psf
Water Penetration	ASTM E331	Pass @ 15psf
Structural Performance	ASTM E330	Up to 100psf @ L/120
Missile Impact	ASTM E1886	Missile Level D
Cycling	ASTM E1996	Pass @ 60psf
Acoustical Range	ASTM E90	STC = 27-35, OITC = 18-29
Ultraviolet Radiation Blocked (UVR) Protection Factor (PR)	ARPANSA	99.5%+ 50+

THERMAL PERFORMANCE SUMMARY | K12

COLOR: Exterior / Interior	U-VALUE (NFRC 100)	SHGC (NFRC 201)	LT (NFRC 202)
Clear Softlite / Clear Softlite	0.25	0.40	0.32
Clear Softlite / Ice Softlite	0.25	0.37	0.21
Clear Softlite / Opal Softlite	0.25	0.31	0.17
Ice Softlite / Ice Softlite	0.25	0.32	0.17
Ice Softlite / Opal Softlite	0.25	0.27	0.14
Opal Softlite / Opal Softlite	0.25	0.22	0.10
Clear Softlite / Insulation / Clear Softlite	0.22	0.23	0.15
Clear Softlite / 2x Insulation / Clear Softlite	0.15	0.20	0.13

