

**POLYCARBONATE STRUCTURED SHEET (PCSS) -- TECHNICAL DATA**

PRODUCT	GAUGE	Weight (lb/ft <sup>2</sup> )	Light transmission according to ASTM D1003 (%)			Min. radius cold bend arches	U-Factor Btu/ (h/ft <sup>2</sup> /F)	R-Factor Btu/ (h/ft <sup>2</sup> /F)	Shading Coefficient			Solar Heat Gain Coefficient			Solar Reflection		
			Clear	Bronze	Ice				Clear	Bronze	Ice	Clear	Bronze	Ice	Clear	Bronze	Ice
6mm Std	1/4"	0.27	80%	42%	32%	3'5" (1.05m)	0.63	1.587	0.880	0.670	0.540	0.750	0.580	0.470	0.193	0.124	0.450
8mm Std	5/16"	0.31	80%	42%	32%	4"7" (1.4m)	0.60	1.667	0.860	0.680	0.570	0.740	0.580	0.490	0.151	0.125	0.314
8mm TripleClear	5/16"	0.34		77%		6' (1.83m)	0.50	2.000		0.810			0.690			0.221	
10mm Std	3/8"	0.35	79%	42%	32%	5'9" (1.75m)	0.53	1.887	0.850	0.680	0.550	0.730	0.590	0.480	0.196	0.117	0.339
16mm Std	5/8"	0.55	70%	42%	32%	9'2" (2.8m)	0.41	2.439	0.790	0.650	0.560	0.680	0.560	0.480	0.223	0.157	0.373
8mm PolyCoolite	5/16"	0.34		45%		4"7" (1.4m)	0.60	1.667		0.500			0.430			0.400	