

## Technical Specifications

Properties	Evo Surfaces™ Value	Standard Applied
Water absorption coefficient	0.03% (24hrs) 1/2" Sheets	ASTM D570
Hardness Test	63 Barcol Impressor	ASTM D2583
Izod Impact Strength	.26 ft-lbs/in of notch	ASTM D256
Tensile Strength	6500 psi	ASTM D 638
Tensile Modulus	1.4×1000000 psi	ASTM D-638
Ball Drop	>125" 1/2lb steel ball	NEMA LD-3
Flexural Strength	10000 psi	ASTM D 790
Flexural Elastic Modulus	1.30×100000	ASTM D 790
Elongation	0.0073	ASTM D638
Thermal expansion Coef. (°C)	3.5×0.00001	ASTM D 696
Weatherability	no change – 1000 hours	ASTM D 1499
Color Stability	No-change – 200 hrs	NEMA LD-3
Thermal resistance	No change	NEMA LD-3
Boiling Water Resistance	No change	NEMA LD-3
Stain Resistance	pass rating 41	ANSI Z 124
Food Zone acceptability	Accepted / Listed	NSF 51
Fungi and Bacteria	No Growth	ANSI Z 124.3
Specific Gravity Solid colors	1.74	N/A
Specific Gravity other colors	1.69	N/A
Wear & Cleanability	Pass	ANSI Z 124.3 & Z 124.6
Flammability	Class 1	UBC 8-1
Flame Spread	0-25	ASTM E 84
Smoke Density	<25	ASTM E 84
Radiant heat resistance	No Visual effect	N/A