

**GYM LOC**
**ENGINEERING SPECIFICATIONS**

DESCRIPTION	TEST	VALUE/RESULT	UNITS
Tile Size		12x12x1/2	In.
Top Wear Surface		0.076	In.
Weight		12	Oz.
Material		PP Copolymer	
Locking System		Snap Latch	
Number of Locks		20	
Horizontal Lock Tolerance		X axis = .058 Y axis = .040	In.
Tensile on Connector		1008	Lb./Tile
Top Support Posts		Isometric ribs	
Vertical Loading		18,000	Lbs.
Drop Weight Impact @-23C	Himont method	18	Ft-Lbs.
Flatness Test		0+/- .13 (.005)	Mm In.
Ball Rebound		99%	
Anti-Microbacterial		Yes	
Agency Rating/Spec.		FDA food contact approved	
UV Stabilized		Yes	
Chemical Resistance		Excellent	
Flame Class	UL94HB	Pass	
Flame Spread	Index 70	(Class B/II)	
CLTE		$6 \times 10^{-5}$	In/in °F
Rockwell Hardness	D785A	82	
Low Temperature Brittleness		-30 -34.4	Deg.F Deg.C
E-Modulus	D638	125,000	Psi
Flex-Modulus	D980B	120,000	Psi
Tensile Strength at Yield	D638	3,100	Psi
Elongation at Yield	D638	10	%
Notched IZOD	D256A	No Break	Ft.Lbs/In.
Deflection Temp.	D648	190	Deg.F
Vicat Softening Point		324	Deg. F
Warranty		10 year limited	