



## Rubber Flooring Specifications

	<b>Test Method</b>	<b>Rubber Flooring Typical Value</b>
<b>Durometer, Shore A, points of hardness</b>	ASTM D2240-97	60
<b>Density, lbs/ft<sup>3</sup></b>	ASTM D297-93 Part A, Section 16.3	64
<b>Compressibility @ 100 psi, %</b>	ASTM F36-95	12
<b>Recovery, % after 100 psi compression</b>	ASTM F36-95	85
<b>Flexibility</b>	ASTM F137-71(1994)	F=1
<b>Tensile, psi</b>	ASTM D412-98a, die C @ 20 ipm	
<b>With grain</b>		600
<b>Against grain</b>		450
<b>Tear, ppi</b>	ASTM D624-98, die C @ 20 ipm	
<b>With grain</b>		150
<b>Against grain</b>		120
<b>Compression Set, %, 22 hours at 158°F</b>	ASTM D395-98, Method B	
<b>25% deflection</b>		40%
<b>50% deflection</b>		30%
<b>Coefficient of Friction</b>	ASTM D1894-95	
<b>Dry</b>		1.33
<b>Wet</b>		1.56
<b>Critical Radiant Flux</b>	ASTM E 648-99	0.1 W/cm <sup>2</sup>
<b>Flammability and Flame Spread</b>	DOC FFI-70 CSPC	Pass
<b>Indoor Abrasion, % of Material Loss</b>	ASTM C501-84(1996)	0.24
<b>Resistance to Chemical Attack</b>	ASTM F925-97	
<b>Ammonia</b>		No surface attack or color change
<b>Bleach</b>		No surface attack or color change
<b>Disinfectant</b>		No surface attack or color change
<b>Alcohol</b>		No surface attack or color change
<b>Tide</b>		No surface attack or color change
<b>5% NaOH Solution</b>		No surface attack or color change
<b>Human Sweat</b>		No surface attack or color change
<b>Instrumented Impact, absorbed energy at rupture, ft/lbs</b>	ASTM D3763-00	20
<b>Static Load Limit, residual compression</b>	ASTM F970-98	.0016"
<b>Rubber In Compression, % deflection</b>	ASTM D575-91, 500 lb. Load	43
<b>Compression Endurance</b>	10,000 fatigue cycles at 50% displacement	5% set