

## Specification data sheet

Specification	Unite	Result		Test method
		Solids	Granite	
Density	1bs/in	0.063	0.06	ASTM D 792
Specific Gravity		1.75		ASTM D 792
Termal Expansion	m/m/ Cx10 <sup>6</sup> in/in/F	30.0x10 <sup>6</sup>		ASTM D 696
		1.02	1.21	
Expansion	mm	<0.05		DIN 318
Tensile strength	kg/cm	390		ASTM D 638
Flexural strength	kg/cm	790		ASTM D 790
Hardness Rockwell Barcol Pencil		90	88	ASTM D 785
		63	61	ASTM D 785
	H		5	KSD 6711
Izod impact notched strength(ball drop)	kgXcm/cm	1.50		ASTM D 256
6mm	in/0.5 lbs	90	29.5	JIS-K-67
12mm	in/1 lbs	47.2	43.3	NEMA-LDI-2.15
12mm	mm	<1400	<1400	DIN EN 438, PART2. PT12,'92
(with impact test apparatus) 12mm	N	25	25	DIN EN 438, PART2. PT12,'92
Water absorption 12mm	%,23 °C	0.05	0.05	ASTM D 570
6mm	24hrs	0.04	0.05	
Slippery resistance		>0.32 - 9		GMG 100(replaces R9)
Climate change resistance		positive	positive	AMK
Heat distortion temperature	°F	221-230	219-226	ASTM D 648
	°C	105-110	104-108	
Dry heat(pan bottom)	°C	≤100		DIN 68 861, part7, 04-'85
Wet heat(pan bottom)	°C	7A		DIN 68 861, part7, 04-'85
Cigarette burn resistance		6C	6B	DIN 68 861, part6, 11-'82
Chemical impact			18	DIN 68 861, part1, 12-'81
Scratch resistance		4D	4B	DIN 68 861, part4, 11-'81
Stain recovery	%	98		KS F 4810- 1986
Electrostatic	1 x 1012 Ω	Insulating		DIN IEC 1340- 4- 1, 04- '92

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