

<i>Test</i>	<i>Method</i>	<i>Leading Acrylic Brand</i>	<i>Quarrystone Solid Series</i>	<i>Quarrystone Coral, Summit, Granite Mountain Series</i>
Specific Gravity gr./cm ³	ASTM D792	1.8	1.79	1.732
Hardness, Barcol	ASTM D2583	66	62-65	62-64
Tensile Strength (psi)	ASTM D638	N/A	7699	7061
Tensile Mod. (x10)	ASTM D638	1.5	1.3	1.1
Elongation %	ASTM D638	.40	.7	.6
Gloss	ASTM D638	5-20	N/A	N/A
Abrasion Resistance: Wt. Loss (grams) cycles	ASTM D4060	N/A	.08 500	.12 500
Wear Thickness (in.) 2000 cycles	ASTM D4060	N/A	.002	.002
Water Absorbtion (Wt.,%/24 hrs.)	ASTM D570	+.0400	+.0254	+.0356
Impact IZOD (ft. lb. In.)	ASTM D256	.28	1.00	.78
Impact, Falling Ball.... 1/2 lb. ball	ANSI Z. 124	NO EFFECT 3 FEET	NO EFFECT 9 FEET	NO EFFECT 9FEET
Thermal Expansion (in./in./F.)	ASTM D696	3.02	2.30	2.42
ARC Resistance (sec)	ASTM D495	N/A	187.5	184.2
Oxygen Index	ASTM D2863	N/A	41.0	35.4
Heat Resistance	NEMA LD-3	PASS	PASS	PASS
Boiling Water Resistance	NEMA LD-3	PASS	PASS	PASS
Stain Resistance	ANSI Z. 124	N/A	PASS	PASS
Chemical Resistance	ANSI Z. 124	N/A	PASS	PASS