

**TAVOLO SOLID SURFACE - 20MM**  
100% Acrylic Resin

Property	Typical Result	Test
<b>General</b>		
Thickness	0.78 Inch (20mm)	N/A
Specific Gravity	1.7	ASTM D-792
Water Absorbtion (24 Hours)	0.04%	ASTM D-570
<b>Mechanical</b>		
Tensile Strength	6,000 psi	ASTM D-638
Flexural Strength	9,000 psi	ASTM D-790
Hardness	60 / 90	Barcol / Rockwell
Thermal Expansion	1.3" 10-6 in/in/°F	ASTM D-696
Impact Resistance	>125"	NEMA LD3-3 (1/2lb ball)
<b>Surface</b>		
Stain Resistance	Pass	ASNI 124.3 & 124.6 -2007
Boiling Water Resistance	No Change	NEMA LD3-3-5
High Temperature Resistance	No Change	NEMA LD3-3-6
Colour Stability	No Change	NEMA LD3-3-10
Fungi Resistance	No Growth after 28 days	ASTM G21
Bacteria & Germ Resistance	No Change	ASTM G-22
<b>Fire &amp; Heat</b>		
Flammability	Class 1/A	UBC8-1 (NFPA No.255)
Flame Spread	Class 1/A (FSI @10)	ASTM E 84
Smoke Density	Class 1/A (SDI @5)	ASTM E 84
<b>Certifications</b>		
Food and Splash Zone	NSF Approved	NSF Standard 51
Children & School Surfaces	GREENGUARD Approved	GREENGUARD GOLD
Indoor Air Quality	GREENGUARD Approved	GREENGUARD Cert.Program
Recycled Content Material	Pre-Consumer 6%	SCS Global