

## TECHNICAL INFORMATION

	TRISTONE
Composition/production	All acrylic resin (Methyl Methacrylate) and inorganic filler/all continuous casting
ISO 9001 Certification	Yes
ISO14001 Certification	Yes
Water Absorption Coefficient (24h)	0.03
Hardness Test (Rockwell M-Scale)	92
Hardness Test (Barcol Compressor)	63
Izod Impact Strength (ft-lbs/in of notch)	0.26
Tensile Strength (psi)	6,500
Tensile Modulus (psi)	1,400,000
Ball Drop (0.5lb. Steel ball)	>125" 1/2 lbs steel ball
Flexural Strength (psi)	10,000
Flexural Elastic Modulus (psi)	130,000
Elongation	0.73
Thermal Expansion Coefficient (°C)	$3.5 \times 10^{-5}$
Weatherability (1000hrs)	No Change
Colour Stability (200hrs)	No Change
Thermal Resistance	No Change
Boiling Water resistance	No Change
Stain Resistance	Pass Rating 41
Food Zone Acceptability	Accepted/Listed
Fungal/Bacterials Resistance	No Growth
Specific Gravity (Solid Colours)	1.74
Specific Gravity (Textured Colours)	1.69
Flammability	Class 1
Flame Spread	0 - 0.25
Smoke Density	<25
Radiant Heat Resistance	No Visual Effect
Wear and Cleanability	Pass