

Viatera® Product Performance Properties

Dimensions and Weights			
All dimensions are standard (not metric)			
Gauge	Width	Length	Weight
2 CM Standard	55"	119"	467 lbs
3 CM Standard	55"	119"	697 lbs
2 CM Jumbo 1	63"	126"	564 lbs
3 CM Jumbo 1	63"	126"	833 lbs
2 CM Jumbo 2	63"	130"	585 lbs
3 CM Jumbo 2	63"	130"	870 lbs

Viatera meets or exceeds these International Standards Organization (ISO) requirements	
ISO 14001	Environmental Management Systems
ISO 9001	Quality Management Systems
ISO 18001	Occupational Health and Safety Management Systems
ISO (iso.org) is an independent, non-governmental international organization with a membership of 164 <u>national standards bodies</u> .	

Environmental Compliance		
Certifications	Standard	Description
Low VOC Offgassing	UL 2818 (Greenguard)	2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings
Low VOC Offgassing	UL 2818 (Greenguard Gold)	2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings
Fungi Resistance	ASTM G21*	Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi
Environmental Product Declaration (EPD)	NSF International	Valid until 4/2022

Physical Test Results		
Attribute Tested	Standard	Results
Tensile Strength	ASTM D638	1,043 psi
Tensile Modulus	ASTM D638	1.35 x 10 ⁶ /sq in
Tensile Elongation	ASTM D638	0.5%
Flexural Strength	ASTM D638	4,114 psi
Flexural Modulus	ASTM D638	5.5 x 10 ⁶ /sq in
Barcol Hardness	ASTM D2583	94/100
Thermal Expansion	ASTM E228	1.55<1.83 x 10 ⁻⁵
Deflection Temperature	ASTM D648	534 °F

Suitability & Fitness Test Results		
Attribute Tested	Standard	Results
Food Contact	NSF 51 ANSI 61	All Types - Pass
Cleanability / Stain Resistance	NEMA LD 3.4 ISFA SST 3.1	Passed
Boiling Water Resistance	NEMA LD 3.5 ISFA SST 8.1	Passed (20 min.)
High Temperature Resistance	NEMA LD 3.6 ISFA SST 9.1	Passed (20 min.)
Scratch Resistance	ISFA SST 6.1 NEMA LD 3.7	Passed
Ball Impact Resistance	NEMA LD 3.8 ISFA SST 5.6	8 oz @ 144" - Passed
Radiant Heat Resistance	NEMA LD 3.1	Passed
Wear / Cleanability	ANSI Z-124.3 ANSI Z-124.6	Passed

*Note: ASTM G 22 "Bacteria Resistance Standard" was withdrawn by ASTM in 2014 and has not been replaced.
 NEMA is National Electrical Manufacturers Association.
 ISFA is International Surface Fabricators Association.
 ASTM was formerly known as American Society for Testing and Materials.
 ANSI is American National Standards Institute.
 NEMA tests are not "rigorous" but are widely accepted residential kitchen/bath industry standards.

Flammability, Flame Spread, and Smoke Developed Performance Properties				
Certification	Standard	Results	FSI	SDI
Flammability - USA	ASTM E-84/UL 723	Class A	<25	<25
Flammability - USA	NFPA 101	Class A		
Flammability - Canada	ANSI/UL 723CAN/ULC-S102-10	Passed	5	90
Flammability - Canada	ANSI/UL 723CAN/ULC-S102.2	Passed		

FSI is Flame Spread Index.
 SDI is Smoke Developed Index.