



## Versadur 151 Clear (Clear PVC)

Material Specifications		PVC rigid		
		SIMONA® VERSADUR® PVC Type I 150 Series	SIMONA® VERSADUR® 151 Clear	SIMONA® VERSADUR® PVC Type II 250 Series
Density, D-792, g/cc		1.410	1.370	1.380
Tensile Strength at yield, D-638, psi		9,000	10,600	7,400
Tensile Modulus, D-638, psi		481,000	479,000	435,000
Izod Impact (notched), D-256, ft.lbs./in.		0.8	0.52	14.0
Shore Hardness, ISO 868		84	84	82
Coefficient of Thermal Expansion, D-696, in./in./°C		8 x 10 <sup>-5</sup>	8 x 10 <sup>-5</sup>	8 x 10 <sup>-5</sup>
Heat Distorsion Temperature at 66 psi, D-648, °F		172	144	165
Heat Distorsion Temperature at 264 psi, D-648, °F		154	138	158
Temperature Range, °F		+32 to +140	+32 to +140	
Flammability	D 635	self-extinguishing	self-extinguishing	self-extinguishing
	UL 94	94V-0, 94-5V	94V-0	94V-0
	FM 4910			
FDA regulations 21 Chapter 1, part 177.2510 for contact with food stuffs				

Data from backed material based on basic material. Data and information used the preparation of this sheet have been obtained from controlled laboratory procedures and/or carefully documented empirical observations. As such, they may not be applicable to all uses and conditions. The reader is advised that no guarantees, written or implied, including guarantees as to the fitness for a particular purpose or use, are to be construed from this bulletin. Persons with questions as to the applicability of this material, or SIMONA AMERICA products to specific uses or situations are urged to contact our customer service department.