

	Sanatec PP	Sanatec	Sanatec Lite
<b>Physical</b>			
Density (g/cm <sup>3</sup> )	0.9	0.960 +	0.8
Absorption	Max.01%	Max 0.01%	Max 0.01%
Hardness, Shore D	78	69	69
<b>Mechanical</b>			
Tensile Strength @ Yield (psi)	4,900	4,600	3,200
Flexural Modulus (psi)	190,000	225,000	228,000
Notched Izod Impact (ft-lb/in)	0.9	120	
Elongation at Yield (%)	9	>600	>600
<b>Thermal</b>			
Vicat Softening Point (°C)	305	129	129
Heat Deflection Temperature @ 66 psi (°C)	210	82	82
Coefficient of Linear Thermal Expansion (In./In.°C)	6.5x10 <sup>-5</sup>	6x10 <sup>-5</sup>	6x10 <sup>-5</sup>
Maximum Service Temperature, Air (°C)	180	180°F	180°F
Low Temperature Brittleness F <sub>50</sub>	-	<-76	<-76
Melt Index (g/cm <sup>3</sup> )	0.5	0.8	0.8
<b>Flammability Ratings</b>			
Flammability Rating	UL94 HB	UL94 HB	UL94 HB
<b>Compliances</b>			
Compliances (VO)	FDA, USDA, NSF* ( natural only)	FDA, USDA,NSF*	FDA, USDA,NSF*



801 Corey Street, Scranton, PA 18505  
 Phone: 1.800.235.8320  
 Fax: 1.800.858.9266  
 Website: [www.vycomplastics.com](http://www.vycomplastics.com)

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\*Effective Date: January 1<sup>st</sup>, 2016

The "Typical" properties of our plastic sheet cannot be automatically used when engineering finished components; and the fabricator or end user is responsible for insuring the suitability of our products for their specific application or end use!