

Sanatec
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Physical		Sanatec	Sanatec	Sanatec
Density (g/cm ³)	0.9	0.960 +	0.8	
Absorption	Max.01%	Max 0.01%	Max 0.01%	
Hardness, Shore D	78	69	69	
Mechanical				
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 Yeild (%)	9	>600	>600	
Thermal				
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 ⁻⁵	6x10 ⁻⁵	6x10 ⁻⁵	
Maximum Service Temperature, Air (°C)	180	180°F	180°F	
Low Temperature Brittleness F ₅₀	-	<-76	<-76	
Melt Index (g/cm ³)	0.5	0.8	0.8	
Flammability Ratings				
Flammability Rating	UL94 HB	UL94 HB	UL94 HB	
Compliances				
Compliances (VO)	FDA, USDA, NSF* (natural only)	FDA, USDA,NSF*	FDA, USDA,NSF*	


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*Effective Date: January 1st, 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!