

## Technical Data Sheet

# SustaPPO MG - ASTM

### Typical characteristics

- Biocompatible

### Typical industries

- Industrie papetière
- Industrie du bâtiment et des travaux publics
- Systèmes de convoyage et automatisation
- Construction de machines et d'installations
- Industrie électronique

	Test method	Unit	Guideline value
<b>General properties</b>			
Densité	ASTM D792	g / cm <sup>3</sup>	1.08
Water Absorption	ASTM D570	%	0.2
Water Absorption 24 hours	ASTM D570	%	0.07
<b>Mechanical properties</b>			
Tensile Strength at Yield	ASTM D638	psi	9400
Tensile Modulus	ASTM D638	psi	350000
Tensile Elongation	ASTM D638	%	30
Flexural Strength	ASTM D790	psi	13400
Flexural Modulus	ASTM D790	psi	360000
Rockwell Hardness	ASTM D785	R	119
Izod Impact, Notched	ASTM D256	ft-lb/in	3.5
<b>Thermal properties</b>			
Thermal Conductivity		in/hr/ft <sup>2</sup> /°F	1.6
Coefficient of Linear Thermal Expansion	ASTM D696	in/in/°F x10 <sup>-5</sup>	3.3
Continuous Service Temperature, Air		°F	220
Deflection Temperature at 1.8Mpa (264psi)	ASTM D648	°F	260
Deflection Temperature at 1.8Mpa (66psi)	ASTM D648	°F	289
Flammability, UL94		1/8 inch	V-1

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	Test method	Unit	Guideline value
<b>Electrical properties</b>			
Surface resistivity	ASTM D257	Ω/cm	>10 <sup>17</sup>
<b>Compliance properties</b>			
FDA			No
NSF			No

