



Summary Of Typical Properties
- Symmtamide T-201 – Bearing/Wear Grade PAI

	Properties	Units	Value	Test Method
Physical	Specific Gravity	g/cm ³	1.45	ASTM D-792
	Water Absorption			
	24 hours	%	0.30%	ASTM D-570
	48 hours	%	1.5%	ASTM D-570
Mechanical	Tensile Strength @ 75°F	psi	10,900	ASTM D-638
	Tensile Modulus	psi	430,000	ASTM D-638
	Tensile Elongation	%	3.0%	ASTM D-638
	Flexural Strength	psi	22,500	ASTM D-790
	Flexural Modulus	psi	670,000	ASTM D-790
	Izod Impact Strength	ft-lbs/in	0.6	ASTM D-256A
	Compressive Strength	psi	16,800	ASTM D-695
	Hardness Shore D		90	ASTM-D-785
Rockwell M		106	ASTM-D-785	
Thermal	Temperature of Deflection	°F	530	ASTM D-648A
	Coefficient of Linear Expansion	in/in/°F	2x10 ⁻⁵	ASTM C- 518
	Continuous Use Temperature	°F	500	ASTM D-696
Electrical	Dielectric Strength Short Term	V/mil	N/A	ASTM D-149
	Dissipation Factor	10 ⁻⁶ Hz	0.037	ASTM D-150
	Dielectric Constant	10 ⁻⁶ Hz	6	ASTM D-150
	Surface Resistivity	ohm ²	10 ¹³	EOS/ESD S11.11

To be best of our knowledge the information contained herein is accurate. However, neither Symmtek Polymers LLC, nor its affiliates assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability and whether there is any infringement of patents is the sole responsibility of the user.

Symmtek Polymers LLC
123 Gantry Lane
Calera, OK 74730
(303) 670-8820