



Summary Of Typical Properties

- Symmtamide T-230 – 30% Glass-fiber Reinforced PAI

	Properties	Units	Value	Test Method
Physical	Specific Gravity	g/cm3	1.62	ASTM D-792
	Water Absorption			
	24 hours	%	0.3%	ASTM D-570
	48 hours	%	4.500%	ASTM D-570
Mechanical	Tensile Strength @ 75°F	psi	15,500	ASTM D-638
	Tensile Modulus	psi	600,000	ASTM D-638
	Tensile Elongation	%	2.8%	ASTM D-638
	Flexural Strength	psi	21,200	ASTM D-790
	Flexural Modulus	psi	900,000	ASTM D-790
	Izod Impact Strength	ft-lbs/in	1.00	ASTM D-256A
	Compressive Strength	psi	27,800	ASTM D-695
	Hardness Shore D		92	ASTM-D-785
	Rockwell E		90	ASTM-D-785
Thermal	Temperature of Deflection	°F	535	ASTM D-648A
	Coefficient of Linear Expansion	in/in/°F	1.3x10 ⁻⁵	ASTM C- 518
	Continuous Use Temperature	°F	500	ASTM D-696
Electrical	Dielectric Strength Short Term	V/mil	550	ASTM D-149
	Dissipation Factor	10 ⁻⁶ Hz	0.003	ASTM D-150
	Dielectric Constant	10 ⁻⁶ Hz	3.2	ASTM D-150

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