

GP03 Composite Tubing

	Test Procedure	Units	Typical Value
Mechanical Properties			
*Tensile Strength	D638-97	Psi x 10E3	30.7
*Tensile Modulus	D638-97	Psi x 10E6	2.28
*Flexural Strength (Tube)	D790-97A	lbs.	134
*Flexural Modulus (Tube)	D790-97A	lbs/In	4180
*Compressive Strength (Tube)	D2412-96A	lbs.	126
*Compressive Modulus (Tube)	D2412-96A	lbs/In/In	3930
Burst Strength	D1180-57	Psi	1300
Water Absorption	D570	% by wgt.	0.5
Electrical Properties			
Arc Resistance	ASTM D495	Sec.	150
Inclined Plane Track Resistance	ASTN D2303	Min.	300
Flame-Thermal Properties			
Flame Resistance	NEMA L1-1		Class 0
UL Temperature Index	UL 746B		
Electrical		°C	130
Mechanical		°C	160
* Based on .75" OD tube, .050" wall thickness			

