



QuantaSTAT® - PEI

Carbon Nano Tube Filled PEI

QuantaSTAT PEI

- Electrically Conductive
 - Homogenous Conductivity
 - Static Charge Management
 - Resistivity in a Narrow Range
- Base Polymer Properties Preserved
 - Extremely Small Loading
 - Minimum Ion Content
- Thermally Conductive
 - Superior Dimensional Stability
 - Minimal Outgassing
 - Excellent Surface Finish
- Ease of Processing
 - High Cleanliness
 - Better Aesthetics

Physical Properties			
Specific Gravity	D792	g/cm ³	1.29
Glass Transition Temp - Tg		°F	415
Continuous Use Temp Limit	D790	°F	356
Mechanical Properties			
Tensile Strength	D638	psi (K)	14.5
Tensile Elongation	D638	%	4
Tensile Modulus	D638	psi (K)	424
Flexural Modulus	D790	psi (K)	406
Izod Impact Strength, Notched	D256	ft-lb/in	0.56
Electrical Properties			
Surface Resistivity	-	Ohm/sq	10 ⁶ - 10 ⁷
Static Decay	FGTM-1208	sec	0.22

Rods

Diameter: 3/8" to 5"
Length: 4' | 8'

Sheets/Plates

Thickness: 3/8" to 3"
Size: 1' x 4'

Tubular Bars

ID: >= 2", OD: <= 6"
Wall Thickness >= 3/4"
Length: 4' | 8'



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