



Quantano[®]-ESD

Tego[™] Polymer Based Carbon Nanotube Enhanced Plastics

Quantano-ESD Extruded Stock Shape Plastics

Quantano PC-ESD	Carbon Nano Tube Filled POLYCARBONATE
Quantano PEI-ESD	Carbon Nano Tube Filled POLYETHERIMIDE
Quantano PEEK-ESD	Carbon Nano Tube Filled POLYETHERETHERKETONE

Quantano-ESD Properties

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| <ul style="list-style-type: none"> ➤ Electrically Conductive <ul style="list-style-type: none"> ➤ Homogenous Conductivity ➤ Static Charge Management ➤ Resistivity in a Narrow Range ➤ Base Polymer Properties Preserved <ul style="list-style-type: none"> ➤ Extremely Small Loading ➤ Minimum Ion Content | <ul style="list-style-type: none"> ➤ Thermally Conductive ➤ Superior Dimensional Stability ➤ Minimal Outgassing ➤ Excellent Surface Finish ➤ Ease of Processing ➤ High Cleanliness ➤ Better Aesthetics |
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Quantano-ESD Applications in Semiconductor

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| <ul style="list-style-type: none"> ➤ JEDEC Trays ➤ IC Test and Burn-in Sockets ➤ Wafer Carriers ➤ Wafer Trays | <ul style="list-style-type: none"> ➤ Chemical Cleaning Systems ➤ Wafer Handling System ➤ Contact Plugs ➤ Retainer Rings |
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Rods

Diameter: 3/8" to 8"
Length: 4' | 8' | 10'

Sheets/Plates

Thickness: 3/8" to 5"
Size: 2' x 4' | 1' x 4'

Tubular Bars

ID: $\geq 2"$, OD: $\leq 6"$
Wall Thickness $\geq 1/2"$
Length: 4' | 8'

Custom sizes available

www.quantum-polymers.com

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