

# OpteSTAT™ BP 1100

Thermoplastic

Ovation Polymers Inc.

## Message:

OpteSTAT™ is Ovation Polymers' line of nano-compounds based on carbon nanotubes. Our proprietary dispersion technology debundles and disentangles carbon nanotubes without compromising their integrity.

OpteSTAT™ BP1100 is a nanocomposite that has been molded into a 4" x 4" plate that can be machined by stationary and portable fuel cell manufacturers according to their needs. The plate provides excellent directional conductivity, anticorrosion properties, and mechanical strength with the desired light weight.

General Information		
Filler / Reinforcement	Carbon Nano	
Forms	Plate	
Physical	Nominal Value	Unit
Specific Gravity	1.62	g/cm <sup>3</sup>
Mechanical	Nominal Value	Unit
Flexural Modulus	18500	MPa
Flexural Strength	37.0	MPa
Impact	Nominal Value	Unit
Impact Strength (23°C)	33.0	J/m
Electrical	Nominal Value	Unit
Surface Resistivity	20 to 1.0E+2	ohms

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## Recommended distributors for this material

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