

## Nanocyl PLASTICYL™ PP2001 Polypropylene - Carbon Nanotube Masterbatch

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Carbon Fiber Filled

### Material Notes:

PLASTICYL™ is a family of Multi-Wall Carbon Nanotube (MWNT) thermoplastic concentrates for applications requiring superior electrical conductivity and electrostatic discharge (ESD) properties. PLASTICYL™ PP2001 is a conductive masterbatch based on polypropylene. Because of its low viscosity and high flow formulation, PLASTICYL™ PP2001 is ideal for standard injection molding and extrusion processes. Key Applications: ESD (Electrostatic Discharge) and electrically conductive parts E&E automotive and industrial Injection molding, extrusion Benefits: Electrical conductivity at low loading Retention of key mechanical properties Easier processing

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Nanocyl-PLASTICYL-PP2001-Polypropylene-Carbon-Nanotube-Masterbatch.php](http://www.lookpolymers.com/polymer_Nanocyl-PLASTICYL-PP2001-Polypropylene-Carbon-Nanotube-Masterbatch.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.872 g/cc	0.872 g/cc	ISO 1183
Filler Content	19 - 21 %	19 - 21 %	Carbon Nanotube Loading

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	ISO 11357-1,-3

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