

**Nanocyl PLASTICYL™ PA1501 Polyamide 66 - Carbon Nanotube Masterbatch**

Category : Polymer , Thermoplastic , Nylon , Nylon 66

**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™ PA1501 is a conductive masterbatch based on polyamide 66. Because of its flow formulation, PLASTICYL™ PA1501 is ideal for standard injection molding and extrusion processes. Applications:ESD (Electrostatic Discharge) and electrically conductive partsE&E, automotive, industrialInjection molding, extrusionBenefits:Electrical conductivity at low loadingRetention of key mechanical propertiesEasier processing

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Nanocyl-PLASTICYL-PA1501-Polyamide-66-Carbon-Nanotube-Masterbatch.php](http://www.lookpolymers.com/polymer_Nanocyl-PLASTICYL-PA1501-Polyamide-66-Carbon-Nanotube-Masterbatch.php)

| Physical Properties  | Metric   | English  | Comments                |
|----------------------|--|--|-------------------------|
| Specific Gravity     | 1.165 g/cc   | 1.165 g/cc   | ISO 1183                |
| Filler Content       | 14 - 16 %  | 14 - 16 %  | Carbon Nanotube Loading |
| High Load Melt Index | <= 0.88 g/10 min<br>@Load 20.0 kg,<br>Temperature 300 °C | <= 0.88 g/10 min<br>@Load 44.1 lb,<br>Temperature 572 °F | 4 mm; Non-standard Test |

| Thermal Properties | Metric | English | Comments       |
|--------------------|--------|---------|----------------|
| Melting Point      | 263 °C | 505 °F  | ISO 11357-1,-3 |

| Processing Properties  | Metric | English | Comments             |
|------------------------|--------|---------|----------------------|
| Processing Temperature | 300 °C | 572 °F  | Material Temperature |

**Contact Songhan Plastic Technology Co.,Ltd.**Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China