

Nanocyl PLASTICYL™ PA1503 Polyamide 6 with - Carbon Nanotube Masterbatch

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 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™ PA1503 is a conductive masterbatch based on polyamide 6.

Because of its high flow formulation, PLASTICYL™ PA1503 is ideal for standard injection molding and extrusion processes. Applications: ESD (Electrostatic Discharge) and electrically conductive parts E&E, automotive, 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-PA1503-Polyamide-6-with-Carbon-Nanotube-Masterbatch.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.175 g/cc	1.175 g/cc	ISO 1183
Filler Content	14 - 16 %	14 - 16 %	Carbon Nanotube Loading
High Load Melt Index	<= 3.16 g/10 min @Load 20.0 kg, Temperature 280 °C	<= 3.16 g/10 min @Load 44.1 lb, Temperature 536 °F	4 mm; Non-standard Test

Thermal Properties	Metric	English	Comments
Melting Point	221 °C	430 °F	ISO 11357-1,-3

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