

PLASTICYL™ PA1502 / Product Data Sheet

General Information

Description

PLASTICYL™ is a family of Multi-Wall Carbon Nanotube (MWNT) thermoplastic concentrates for applications requiring superior electrical conductivity and electrostatic discharge (ESD) properties. PLASTICYL™ PA1502 is a conductive masterbatch based on polyamide 12. Because of its high flow formulation, PLASTICYL™ PA1502 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

Main Characteristics

CARBON NANOTUBES LOADING (% _{WT})	REAL DENSITY (G/L) ISO 1183	MFI (G/10 MIN) NON-STANDARD TEST : 300 °C ; 15 KG ; 4 MM	MELTING POINT (°C) ISO 11357-1,-3
15 ± 1,0	1081	3,14	179

Disclaimer

This information is intended to be used only as a guideline for designers and users of modified thermoplastics. All information is believed to be accurate but is given without acceptance of liability. Users should make their own assessment of the suitability of the product for the purposes required. Properties may be materially affected by extrusion and molding parameters as well as by the shape and size of the part. No information supplied by Nanocyl constitutes a warranty regarding the product performance.

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