

# DynaPath™ C2030CF

Polyamide 66

Polymer Dynamix

Message:

- Features:
- Electrical conductivity
  - Easy to mold
  - Great surface appearance
- Applications:
- Automotive
  - Industrial
  - Electrical/Electronics

| General Information    |                                    |
|------------------------|------------------------------------|
| Filler / Reinforcement | Carbon Fiber,30% Filler by Weight  |
| Features               | Conductive                         |
|                        | Good Processability                |
|                        | Good Surface Finish                |
| Uses                   | Automotive Applications            |
|                        | Electrical/Electronic Applications |
|                        | Industrial Applications            |

| Physical   | Nominal Value | Unit  | Test Method |
|--|---------------|-------|-------------|
| Specific Gravity   | 1.22          | g/cm³ | ASTM D792   |
| Mechanical   | Nominal Value | Unit  | Test Method |
| Tensile Strength (Yield)   | 241           | MPa   | ASTM D638   |
| Tensile Elongation (Break)                                       | 1.9           | %     | ASTM D638   |
| Flexural Modulus   | 20000         | MPa   | ASTM D790   |
| Flexural Strength  | 424           | MPa   | ASTM D790   |
| Impact   | Nominal Value | Unit  | Test Method |
| Notched Izod Impact (23°C, 3.18 mm)                              | 96            | J/m   | ASTM D256   |
| Unnotched Izod Impact (23°C, 3.18 mm)                            | 1000          | J/m   | ASTM D256   |
| Thermal  | Nominal Value | Unit  | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm) | 260           | °C    | ASTM D648   |

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