

# DynaPath™ C1310CF

Polycarbonate

Polymer Dynamix

## Message:

Conductive Polyetherimid

Features:

Electrical conductivity

Easy to mold

Great surface appearance

Applications:

Automotive

Industrial

Electrical/Electronics

| General Information    |                                    |
|------------------------|------------------------------------|
| Filler / Reinforcement | Carbon Fiber,10% 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                      | 1.25          | g/cm <sup>3</sup> | ASTM D792   |
| Mechanical                            | Nominal Value | Unit              | Test Method |
| Tensile Strength (Yield)              | 108           | MPa               | ASTM D638   |
| Tensile Elongation (Break)            | 5.2           | %                 | ASTM D638   |
| Flexural Modulus                      | 6620          | MPa               | ASTM D790   |
| Flexural Strength                     | 170           | MPa               | ASTM D790   |
| Impact                                | Nominal Value | Unit              | Test Method |
| Notched Izod Impact (23°C, 3.18 mm)   | 85            | J/m               | ASTM D256   |
| Unnotched Izod Impact (23°C, 3.18 mm) | 590           | J/m               | ASTM D256   |

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