

DynaPath™ C3840CF

Polyphenylene Sulfide

Polymer Dynamix

Message:

Features:

Electrical conductivity

Easy to mold

Great surface appearance

Applications:

Automotive

Industrial

Electrical/Electronics

| General Information | |
|------------------------|------------------------------------|
| Filler / Reinforcement | Carbon Fiber,40% 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 | 1.49 | g/cm ³ | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 214 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 0.80 | % | ASTM D638 |
| Flexural Modulus | 32100 | MPa | ASTM D790 |
| Flexural Strength | 300 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C, 3.18 mm) | 69 | J/m | ASTM D256 |
| Unnotched Izod Impact (23°C, 3.18 mm) | 410 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm) | 270 | °C | ASTM D648 |

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