

# Fortron® 1140L4-T

Polyphenylene Sulfide

Celanese Corporation

## Message:

Fortron® 1140L4-T is a polyphenylene sulfide (PPS) product, which contains a glass fiber reinforced material. It is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific.

| General Information                 |                                 |                   |                |
|-------------------------------------|---------------------------------|-------------------|----------------|
| Filler / Reinforcement              | Glass fiber reinforced material |                   |                |
| Physical                            | Nominal Value                   | Unit              | Test Method    |
| Density                             | 1.58                            | g/cm <sup>3</sup> | ISO 1183       |
| Water Absorption (Saturation, 23°C) | 0.020                           | %                 | ISO 62         |
| Mechanical                          | Nominal Value                   | Unit              | Test Method    |
| Tensile Stress (Break)              | 205                             | MPa               | ISO 527-2/1A/5 |
| Tensile Strain (Break)              | 2.0                             | %                 | ISO 527-2/1A/5 |
| Flexural Modulus (23°C)             | 15200                           | MPa               | ISO 178        |
| Flexural Stress (23°C)              | 320                             | MPa               | ISO 178        |
| Impact                              | Nominal Value                   | Unit              | Test Method    |
| Notched Izod Impact (23°C)          | 11                              | kJ/m <sup>2</sup> | ISO 180/1A     |
| Thermal                             | Nominal Value                   | Unit              | Test Method    |
| Melting Temperature <sup>1</sup>    | 280                             | °C                | ISO 11357-3    |
| NOTE                                |                                 |                   |                |
| 1.                                  | 10°C/min                        |                   |                |

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## Recommended distributors for this material

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