

# LNP™ THERMOCOMP™ LC008E compound

Polyetheretherketone

SABIC Innovative Plastics

## Message:

LNP THERMOCOMP LC008E is a compound based on Polyetheretherketone resin containing Carbon Fiber. Added features of this material include: Easy Molding.

Also known as: LNP\* THERMOCOMP\* Compound LC-1008 LV

Product reorder name: LC008E

| General Information                     |                                  |                   |             |
|---|----------------------------------|-------------------|-------------|
| Filler / Reinforcement                  | Carbon fiber reinforced material |                   |             |
| Features                                | Good formability                 |                   |             |
| RoHS Compliance                         | RoHS compliance                  |                   |             |
| Physical                                | Nominal Value                    | Unit              | Test Method |
| Density                                 | 1.43                             | g/cm <sup>3</sup> | ISO 1183    |
| Mechanical                              | Nominal Value                    | Unit              | Test Method |
| Tensile Stress (Break)                  | 227                              | MPa               | ISO 527-2/5 |
| Tensile Strain (Break)                  | 1.5                              | %                 | ISO 527-2/5 |
| Flexural Modulus <sup>1</sup>           | 19600                            | MPa               | ISO 178     |
| Flexural Stress                         | 321                              | MPa               | ISO 178     |
| Impact                                  | Nominal Value                    | Unit              | Test Method |
| Notched Izod Impact <sup>2</sup> (23°C) | 9.0                              | kJ/m <sup>2</sup> | ISO 180/1A  |
| Electrical                              | Nominal Value                    | Unit              | Test Method |
| Surface Resistivity                     | 10 - 1.0E+4                      | ohms              | ASTM D257   |
| NOTE                                    |                                  |                   |             |
| 1.                                      | 2.0 mm/min                       |                   |             |
| 2.                                      | 80*10*4                          |                   |             |

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## Recommended distributors for this material

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