

## Electrafil® J-1200/CF/15

Techmer Polymer Modifiers - *Acrylonitrile Butadiene Styrene*

### General Information

#### General

|                        |                                                                                   |
|------------------------|-----------------------------------------------------------------------------------|
| Material Status        | • Commercial: Active                                                              |
| Availability           | • Africa & Middle East • Europe • North America<br>• Asia Pacific • Latin America |
| Filler / Reinforcement | • Carbon Fiber, 15% Filler by Weight                                              |
| RoHS Compliance        | • RoHS Compliant                                                                  |
| Forms                  | • Pellets                                                                         |

### Properties <sup>1</sup>

| Physical                                                | Nominal Value | Unit     | Test Method |
|---------------------------------------------------------|---------------|----------|-------------|
| Density / Specific Gravity                              | 1.11          |          | ASTM D792   |
| Mechanical                                              | Nominal Value | Unit     | Test Method |
| Tensile Strength (Yield)                                | 15000         | psi      | ASTM D638   |
| Flexural Modulus                                        | 1.25E+6       | psi      | ASTM D790   |
| Flexural Strength (Yield)                               | 19000         | psi      | ASTM D790   |
| Impact                                                  | Nominal Value | Unit     | Test Method |
| Notched Izod Impact (73°F, 0.125 in)                    | 1.1           | ft·lb/in | ASTM D256   |
| Thermal                                                 | Nominal Value | Unit     | Test Method |
| Deflection Temperature Under Load (264 psi, Unannealed) | 215           | °F       | ASTM D648   |
| Electrical                                              | Nominal Value | Unit     | Test Method |
| Surface Resistivity                                     | 75            | ohms     | ASTM D257   |

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

