

# Electrafil® 99054

Polypropylene Copolymer

Techmer Engineered Solutions

## Message:

Electrafil® 99054 is a Polypropylene Copolymer (PP Copolymer) product. It can be processed by injection molding and is available in North America. Primary characteristic: copolymer.

| General Information                       |                   |                   |             |
|---|-------------------|-------------------|-------------|
| Features                                  | Copolymer         |                   |             |
|   | Semi Conductive   |                   |             |
| UL File Number                            | E157318           |                   |             |
| Appearance                                | Colors Available  |                   |             |
| Forms                                     | Pellets           |                   |             |
| Processing Method                         | Injection Molding |                   |             |
| Physical                                  | Nominal Value     | Unit              | Test Method |
| Specific Gravity                          | 1.10              | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/10.0 kg) | 5.0               | g/10 min          | ASTM D1238  |
| Mechanical                                | Nominal Value     | Unit              | Test Method |
| Tensile Strength (Yield)                  | 13.8              | MPa               | ASTM D638   |
| Tensile Elongation (Yield)                | 30                | %                 | ASTM D638   |
| Flexural Modulus                          | 689               | MPa               | ASTM D790   |
| Flexural Strength                         | 20.7              | MPa               | ASTM D790   |
| Impact                                    | Nominal Value     | Unit              | Test Method |
| Notched Izod Impact (23°C, 3.18 mm)       | No Break          |                   | ASTM D256   |
| Unnotched Izod Impact (3.18 mm)           | No Break          |                   | ASTM D256   |
| Electrical                                | Nominal Value     | Unit              | Test Method |
| Surface Resistivity                       | 1.0E+3            | ohms              | ASTM D257   |
| Volume Resistivity                        | 1.0E+2            | ohms · cm         | ASTM D257   |

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## Recommended distributors for this material

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