

# TES J-1200/10 GY9687

Acrylonitrile Butadiene Styrene

Techmer Engineered Solutions

Message:

TES J-1200/10 GY9687 is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: rohs compliant.

| General Information                                     |                |                   |             |
|---------------------------------------------------------|----------------|-------------------|-------------|
| UL YellowCard                                           | E253782-484591 |                   |             |
| RoHS Compliance                                         | RoHS Compliant |                   |             |
| Forms                                                   | Pellets        |                   |             |
| Physical                                                | Nominal Value  | Unit              | Test Method |
| Specific Gravity                                        | 1.10           | g/cm <sup>3</sup> | ASTM D792   |
| Molding Shrinkage - Flow (3.18 mm)                      | 0.30           | %                 | ASTM D955   |
| Water Absorption (24 hr)                                | 0.30           | %                 | ASTM D570   |
| Mechanical                                              | Nominal Value  | Unit              | Test Method |
| Tensile Strength                                        | 68.9           | MPa               | ASTM D638   |
| Tensile Elongation (Break)                              | 3.0            | %                 | ASTM D638   |
| Flexural Modulus                                        | 3790           | MPa               | ASTM D790   |
| Flexural Strength                                       | 89.6           | MPa               | ASTM D790   |
| Impact                                                  | Nominal Value  | Unit              | Test Method |
| Notched Izod Impact                                     | 59             | J/m               | ASTM D256   |
| Thermal                                                 | Nominal Value  | Unit              | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 98.9           | °C                | ASTM D648   |

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