

## TES J-1200/10 BK2089

Techmer Polymer Modifiers - *Acrylonitrile Butadiene Styrene*

### General

|                 |                                          |                             |                 |
|-----------------|------------------------------------------|-----------------------------|-----------------|
| Material Status | • Commercial: Active                     |                             |                 |
| Availability    | • Africa & Middle East<br>• Asia Pacific | • Europe<br>• Latin America | • North America |
| RoHS Compliance | • RoHS Compliant                         |                             |                 |
| Forms           | • Pellets                                |                             |                 |

### ASTM & ISO Properties <sup>1</sup>

| Physical                                                | Nominal Value | Unit     | Test Method |
|---------------------------------------------------------|---------------|----------|-------------|
| Density / Specific Gravity                              | 1.10          |          | ASTM D792   |
| Molding Shrinkage - Flow (0.125 in)                     | 3.0E-3        | in/in    | ASTM D955   |
| Water Absorption (24 hr)                                | 0.30          | %        | ASTM D570   |
| Mechanical                                              | Nominal Value | Unit     | Test Method |
| Tensile Strength                                        | 10000         | psi      | ASTM D638   |
| Tensile Elongation (Break)                              | 3.0           | %        | ASTM D638   |
| Flexural Modulus                                        | 550000        | psi      | ASTM D790   |
| Flexural Strength                                       | 13000         | psi      | ASTM D790   |
| Impact                                                  | Nominal Value | Unit     | Test Method |
| Notched Izod Impact                                     | 1.1           | ft·lb/in | ASTM D256   |
| Thermal                                                 | Nominal Value | Unit     | Test Method |
| Deflection Temperature Under Load (264 psi, Unannealed) | 210           | °F       | ASTM D648   |

