

## TES ABS-1200/10 WT 7355

Techmer Polymer Modifiers - *Acrylonitrile Butadiene Styrene*

### General Information

#### General

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

### 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 Modulus                     | 550000        | psi      | ASTM D638   |
| Tensile Strength                    | 8000          | psi      | ASTM D638   |
| Tensile Elongation (Break)          | 3.0           | %        | ASTM D638   |
| Flexural Modulus                    | 500000        | psi      | ASTM D790   |
| Flexural Strength                   | 12000         | psi      | ASTM D790   |
| Impact                              | Nominal Value | Unit     | Test Method |
| Notched Izod Impact                 | 1.1           | ft·lb/in | ASTM D256   |
| Hardness                            | Nominal Value | Unit     | Test Method |
| Rockwell Hardness (R-Scale)         | 60            |          | ASTM D785   |

### Notes

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

