

TES J-80/10 NAT

Techmer Polymer Modifiers - *Acetal (POM) Copolymer*

General Information

General

| | | | |
|-----------------|--|---|---|
| Material Status | <ul style="list-style-type: none"> Commercial: Active | | |
| Availability | <ul style="list-style-type: none"> Africa & Middle East Asia Pacific | <ul style="list-style-type: none"> Europe Latin America | <ul style="list-style-type: none"> North America |
| RoHS Compliance | <ul style="list-style-type: none"> RoHS Compliant | | |
| Forms | <ul style="list-style-type: none"> Pellets | | |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|----------|-------------|
| Density / Specific Gravity | 1.48 | | ASTM D792 |
| Molding Shrinkage - Flow (0.125 in) | 6.0E-3 | in/in | ASTM D955 |
| Water Absorption (24 hr) | 0.26 | % | ASTM D570 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 9000 | psi | ASTM D638 |
| Tensile Elongation (Break) | 3.0 | % | ASTM D638 |
| Flexural Modulus | 625000 | psi | ASTM D790 |
| Flexural Strength | 14700 | psi | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 0.80 | ft-lb/in | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (264 psi, Unannealed) | 315 | °F | ASTM D648 |

Notes

¹ Typical properties: these are not to be construed as specifications.

