

TES J-50/30/FR BK3585

 Techmer Polymer Modifiers - *Polycarbonate*
General Information
General

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|-----------------|--|---|---|
| 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 | 1.42 | | ASTM D792 |
| Molding Shrinkage - Flow (0.125 in) | 2.5E-3 | in/in | ASTM D955 |
| Water Absorption (24 hr) | 0.075 | % | ASTM D570 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 19200 | psi | ASTM D638 |
| Tensile Elongation (Break) | 3.5 | % | ASTM D638 |
| Flexural Modulus | 1.10E+6 | psi | ASTM D790 |
| Flexural Strength | 29000 | psi | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 3.3 | ft-lb/in | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (264 psi, Unannealed) | 300 | °F | ASTM D648 |
| Flammability | Nominal Value | Unit | Test Method |
| Flame Rating (0.06 in) | V-0 | | UL 94 |

