

Chemlon® 250 GH

PA6-GF50

Teknor Apex Co.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|---------------|-------------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.0007 | mm/mm | ASTM D 955 |
| Mold Shrinkage, TD | 0.002 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Strength | 214 | MPa | ASTM D 638 |
| Elongation at Yield | 1.5 | % | ASTM D 638 |
| Elongation at Break | 1.5 | % | ASTM D 638 |
| Flexural Modulus | 13790 | MPa | ASTM D 790 |
| Flexural Strength | 296 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 198 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Thickness tested | 0.813 | mm | - |
| DTUL @ 264 psi | 213 | °C | ASTM D 648 |
| Melting Temperature | 220 | °C | ASTM D 3418 |
| Limiting Oxygen Index | 22 | % | ASTM D 2863 |
| Electrical properties | | | |
| ASTM Data | | | |
| Dielectric Strength, Short Time | 11 | kV/mm | ASTM D 149 |
| Volume Resistivity | 1020 | Ohm*cm | ASTM D 257 |
| Other properties | | | |
| Density | 1570 | kg/m ³ | ASTM D 792 |

Characteristics**Regional Availability**

North America, Europe, Asia Pacific