



APEX® 65012

Teknor Apex Company - Flexible Polyvinyl Chloride

| General Information | | | | | | |
|---------------------|---|--|---------------|--|--|--|
| General | | | | | | |
| Material Status | Commercial: Active | | | | | |
| Availability | Africa & Middle East Asia Pacific | EuropeLatin America | North America | | | |
| Uses | Wire & Cable Applications | | | | | |
| RoHS Compliance | RoHS Compliant | | | | | |
| Appearance | Opaque | | | | | |
| Forms | Pellets | | | | | |

| ASTM & ISO Properties ¹ | | | | |
|--------------------------------------|---------------|------|-------------|--|
| Physical | Nominal Value | Unit | Test Method | |
| Density / Specific Gravity | 1.58 | | ASTM D792 | |
| Mechanical | Nominal Value | Unit | Test Method | |
| Tensile Strength (Break) | 2750 | psi | ASTM D638 | |
| Tensile Elongation (Break) | 260 | % | ASTM D638 | |
| Hardness | Nominal Value | Unit | Test Method | |
| Durometer Hardness (Shore C, 10 sec) | 85 | | ASTM D2240 | |
| Thermal | Nominal Value | Unit | Test Method | |
| Continuous Use Temperature | 167 | °F | ASTM D794 | |
| Brittleness Temperature | 23.0 | °F | ASTM D746 | |
| Electrical | Nominal Value | Unit | Test Method | |
| Dielectric Constant | | | ASTM D150 | |
| 1 kHz | 4.58 | | | |
| 1 MHz | 3.54 | | | |
| Dissipation Factor | | | ASTM D150 | |
| 1 kHz | 0.072 | | | |
| 1 MHz | 0.038 | | | |
| Flammability | Nominal Value | Unit | Test Method | |
| Oxygen Index | 42 | % | ASTM D2863 | |

Notes

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

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Wednesday, August 28, 2019

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