

APEX® 84128

Teknor Apex Company - Flexible Polyvinyl Chloride

Wednesday, August 28, 2019

General Information

General

| | | | |
|-----------------|--|-----------------------------|-----------------|
| Material Status | • Commercial: Active | | |
| Availability | • Africa & Middle East • Asia Pacific | • Europe • Latin 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 | 1.38 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 2550 | psi | ASTM D638 |
| Tensile Elongation (Break) | 300 | % | ASTM D638 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 89 | | ASTM D2240 |
| Thermal | Nominal Value | Unit | Test Method |
| Continuous Use Temperature | 176 | °F | ASTM D794 |
| Brittleness Temperature | -5.80 | °F | ASTM D746 |
| Electrical | Nominal Value | Unit | Test Method |
| Volume Resistivity (122°F) | 5.8E+13 | ohms·cm | ASTM D257 |
| Dielectric Constant | | | ASTM D150 |
| 1 kHz | 4.58 | | |
| 1 MHz | 3.23 | | |
| Dissipation Factor | | | ASTM D150 |
| 1 kHz | 0.078 | | |
| 1 MHz | 0.082 | | |
| Flammability | Nominal Value | Unit | Test Method |
| Oxygen Index | 30 | % | ASTM D2863 |

Notes

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

Revision Date: 12/12/2013

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