

APEX® 65031

Teknor Apex Company - Semi-Rigid Polyvinyl Chloride

Friday, August 30, 2019

General Information

General

| | | | |
|-----------------|--|-----------------------------|-----------------|
| Material Status | • Commercial: Active | | |
| Availability | • Africa & Middle East • Asia Pacific | • Europe • Latin America | • North America |
| Forms | • Pellets | | |

ASTM & ISO Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|------|-------------|
| Density / Specific Gravity | 1.40 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 2920 | psi | ASTM D638 |
| Tensile Elongation (Break) | 320 | % | ASTM D638 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec, Hand Held) | 91 | | ASTM D2240 |
| Thermal | Nominal Value | Unit | Test Method |
| Continuous Use Temperature | 167 | °F | ASTM D794 |
| Brittleness Temperature | -13.0 | °F | ASTM D746 |
| Electrical | Nominal Value | Unit | Test Method |
| Dielectric Constant | | | ASTM D150 |
| 1 kHz | 4.81 | | |
| 1 MHz | 3.36 | | |
| Dissipation Factor | | | ASTM D150 |
| 1 kHz | 0.085 | | |
| 1 MHz | 0.059 | | |
| Flammability | Nominal Value | Unit | Test Method |
| Oxygen Index | 31 | % | ASTM D2863 |

Additional Information

Data Sheet Applies to Color(s) Listed Below:
 Natural (1112764)

Notes

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

Revision Date: 8/9/2019

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