



# APEX® 84468

Teknor Apex Company - Flexible Polyvinyl Chloride

## General Information

### General

|                 |                                          |                             |                 |
|-----------------|------------------------------------------|-----------------------------|-----------------|
| Material Status | • Commercial: Active                     |                             |                 |
| Availability    | • Africa & Middle East<br>• Asia Pacific | • Europe<br>• Latin America | • North America |
| Features        | • Flame Retardant                        | • UV Resistant              |                 |
| Uses            | • Cable Jacketing                        | • Insulation                |                 |
| Wire Types      | • AWM                                    |                             |                 |
| Agency Ratings  | • UL 1063                                | • UL 1581                   | • UL 62         |
| RoHS Compliance | • RoHS Compliant                         |                             |                 |
| Appearance      | • Opaque                                 |                             |                 |
| Forms           | • Pellets                                |                             |                 |

## ASTM & ISO Properties <sup>1</sup>

| Physical                             | Nominal Value | Unit | Test Method |
|--------------------------------------|---------------|------|-------------|
| Density / Specific Gravity           | 1.35          |      | ASTM D792   |
| Mechanical                           | Nominal Value | Unit | Test Method |
| Tensile Strength (Break)             | 2850          | psi  | ASTM D638   |
| Tensile Elongation (Break)           | 360           | %    | ASTM D638   |
| Hardness                             | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 85            |      | ASTM D2240  |
| Thermal                              | Nominal Value | Unit | Test Method |
| Continuous Use Temperature           | 221           | °F   | ASTM D794   |
| Brittleness Temperature              | -18.4         | °F   | ASTM D746   |
| Flammability                         | Nominal Value | Unit | Test Method |
| Oxygen Index                         | 31            | %    | ASTM D2863  |

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.