



# APEX® 3603-80NT

Teknor Apex Company - Flexible Polyvinyl Chloride

## General Information

### General

|                      |                                                                                                                                                                                                                                      |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material Status      | • Commercial: Active                                                                                                                                                                                                                 |
| Availability         | • Africa & Middle East • Latin America<br>• Asia Pacific • North America                                                                                                                                                             |
| Features             | • Non-Phthalate Plasticizer                                                                                                                                                                                                          |
| Uses                 | • Hose • Non-specific Food Applications<br>• Medical/Healthcare Applications • Tubing                                                                                                                                                |
| Agency Ratings       | • NSF STD-61                                                                                                                                                                                                                         |
| Regulatory Statement | • Due to the frequent updates to regulations, specifically, California Proposition 65, EU REACH SVHCs, and RoHS, please contact Teknor Apex for the most up to date compliance statement, or refer to section 15 of the product SDS. |
| Forms                | • Pellets                                                                                                                                                                                                                            |
| Processing Method    | • Extrusion                                                                                                                                                                                                                          |

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

| Physical                         | Nominal Value | Unit | Test Method |
|----------------------------------|---------------|------|-------------|
| Density / Specific Gravity       | 1.22          |      | ASTM D792   |
| Mechanical                       | Nominal Value | Unit | Test Method |
| Tensile Strength (Break)         | 2870          | psi  | ASTM D638   |
| Tensile Elongation (Break)       | 370           | %    | ASTM D638   |
| Hardness                         | Nominal Value | Unit | Test Method |
| Durometer Hardness               |               |      | ASTM D2240  |
| Shore A, 15 sec, Operating Stand | 75            |      |             |
| Shore A, 15 sec, Hand Held       | 80            |      |             |
| Thermal                          | Nominal Value | Unit | Test Method |
| Brittleness Temperature          | -23.8         | °F   | ASTM D746   |

### Additional Information

Data Sheet applies to color(s) listed below:

Clear Blue 265 (1098062)  
Clear Blue 265 NP (1031151)  
Orange 597 (1104344)  
White 853 (1097844)

7/2020-lmo

### Notes

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