

# APEX® 80330

Teknor Apex Company - Flexible Polyvinyl Chloride

Wednesday, August 28, 2019

## General Information

### General

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

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

| Physical                         | Nominal Value | Unit | Test Method |
|----------------------------------|---------------|------|-------------|
| Density / Specific Gravity       | 1.23          |      | ASTM D792   |
| Mechanical                       | Nominal Value | Unit | Test Method |
| Tensile Strength (Break)         | 2250          | psi  | ASTM D638   |
| Tensile Elongation (Break)       | 450           | %    | ASTM D638   |
| Hardness                         | Nominal Value | Unit | Test Method |
| Durometer Hardness               |               |      | ASTM D2240  |
| Shore A, 15 sec, Operating Stand | 64            |      |             |
| Shore A, 15 sec, Hand Held       | 70            |      |             |
| Thermal                          | Nominal Value | Unit | Test Method |
| Continuous Use Temperature       | 167           | °F   | ASTM D794   |
| Brittleness Temperature          | -65.2         | °F   | ASTM D746   |
| Electrical                       | Nominal Value | Unit | Test Method |
| Dielectric Constant              |               |      | ASTM D150   |
| 1 kHz                            | 5.92          |      |             |
| 1 MHz                            | 2.93          |      |             |
| Dissipation Factor               |               |      | ASTM D150   |
| 1 kHz                            | 0.057         |      |             |
| 1 MHz                            | 0.23          |      |             |

### Additional Information

Data Sheet Applies to Color(s) Listed Below:  
 Grey 3221 (1118106)  
 Natural (1113255)

### Notes

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

Revision Date: 8/9/2019

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