



# APEX® 3211-70NT

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 |
| Additive          | • Plasticizer                            |                             |                 |
| Features          | • Ethylene Oxide Sterilizable            | • Non-DEHP Plasticizer      |                 |
| Uses              | • Medical/Healthcare Applications • Toys |                             |                 |
| Appearance        | • Natural Color                          | • Opaque                    |                 |
| Forms             | • Pellets                                |                             |                 |
| Processing Method | • Injection Molding                      |                             |                 |

## 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 (100% Strain)       | 800           | psi  | ASTM D638   |
| Tensile Strength (Break)             | 1830          | psi  | ASTM D638   |
| Tensile Elongation (Break)           | 390           | %    | ASTM D638   |
| Hardness                             | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 70            |      | ASTM D2240  |
| Thermal                              | Nominal Value | Unit | Test Method |
| Brittleness Temperature              | -33.0         | °F   | ASTM D746   |

## Processing Information

| Injection              | Nominal Value | Unit |
|------------------------|---------------|------|
| Processing (Melt) Temp | 345           | °F   |

### Notes

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