



# APEX® RE 9218B NT

Teknor Apex Company - Rigid Polyvinyl Chloride

## General Information

### General

|                      |                                                                                                                                                                                                                                      |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material Status      | • Commercial: Active                                                                                                                                                                                                                 |
| Availability         | <ul style="list-style-type: none"> <li>Africa &amp; Middle East</li> <li>Asia Pacific</li> <li>Latin America</li> <li>North America</li> </ul>                                                                                       |
| Features             | • Food Contact Acceptable                                                                                                                                                                                                            |
| Uses                 | <ul style="list-style-type: none"> <li>Food Packaging</li> <li>Profiles</li> </ul>                                                                                                                                                   |
| 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. |
| Appearance           | • Opaque                                                                                                                                                                                                                             |
| Forms                | • Pellets                                                                                                                                                                                                                            |
| Processing Method    | • Extrusion                                                                                                                                                                                                                          |

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

| Physical                                | Nominal Value | Unit      | Test Method |
|-----------------------------------------|---------------|-----------|-------------|
| Density / Specific Gravity              | 1.39          |           | ASTM D792   |
| Mechanical                              | Nominal Value | Unit      | Test Method |
| Tensile Modulus                         | 400000        | psi       | ASTM D638   |
| Tensile Strength (Break)                | 6100          | psi       | ASTM D638   |
| Tensile Elongation (Break)              | 68            | %         | ASTM D638   |
| Flexural Modulus                        | 401000        | psi       | ASTM D790   |
| Impact                                  | Nominal Value | Unit      | Test Method |
| Notched Izod Impact (73°F, 0.125 in)    | 19            | ft-lb/in  | ASTM D256   |
| Drop Impact Resistance (73°F, 0.500 in) | 1.52          | in-lb/mil | ASTM D4226  |
| Hardness                                | Nominal Value | Unit      | Test Method |
| Durometer Hardness                      | 81            |           | ASTM D2240  |

### Additional Information

Data Sheet Applies to Color(s) Listed

NATURAL (1117676)  
WHITE (1139112)

10/19 Core

### Notes

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