



# APEX® 1526

Teknor Apex Company - Flexible Polyvinyl Chloride

## General Information

### Product Description

Applications include automotive parts, auto plugs, and grommets.

### General

|                           |                                                      |                                                           |                 |
|---------------------------|------------------------------------------------------|-----------------------------------------------------------|-----------------|
| Material Status           | • Commercial: Active                                 |                                                           |                 |
| Availability              | • Africa & Middle East<br>• Asia Pacific             | • Europe<br>• Latin America                               | • North America |
| Features                  | • General Purpose                                    | • Low Gloss                                               |                 |
| Uses                      | • Automotive Applications                            | • High Temperature Applications                           |                 |
| Automotive Specifications | • FORD ESB-M4D259-A Type III<br>• FORD ESB-M4D259-B3 | • FORD ESB-M4D284-C4<br>• FORD ESB-M4D284-C4 Color: Black |                 |
| 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           | 1.37          |        | ASTM D792   |
| Mechanical                           | Nominal Value | Unit   | Test Method |
| Tensile Strength (Break)             | 2080          | psi    | ASTM D638   |
| Tensile Elongation (Break)           | 400           | %      | ASTM D638   |
| Elastomers                           | Nominal Value | Unit   | Test Method |
| Tear Strength                        | 270           | lbf/in | ASTM D624   |
| Hardness                             | Nominal Value | Unit   | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 79            |        | ASTM D2240  |
| Thermal                              | Nominal Value | Unit   | Test Method |
| Brittleness Temperature              | -27.4         | °F     | ASTM D746   |

### Notes

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